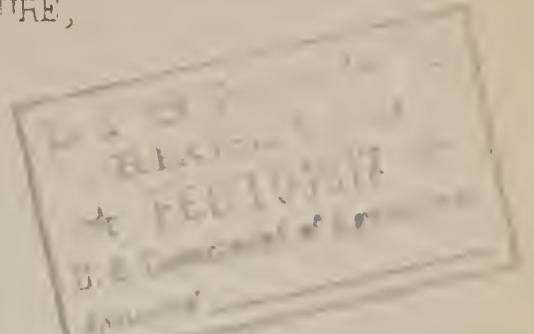


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UNITED STATES DEPARTMENT OF AGRICULTURE,
STATES RELATIONS SERVICE,
A. C. TRUE, Director.



LIST OF STATION PUBLICATIONS RECEIVED BY THE OFFICE OF
EXPERIMENT STATIONS DURING JANUARY, 1917.

NOTE.--The station publications noted in this list are not distributed by the Department of Agriculture, but can usually be obtained, as far as the supply will permit, by applying to the stations issuing them. An address list of the stations will be furnished upon request.

Cottonseed Meal Compared with Velvet Beans for Fattening Steers. By G. S. Templeton and F. Gibbons. (Alabama Col. Sta. Bul. 192, pp. 135-141, pls.2.)

Three Delicious Meals Every Day for the Farmer. By G. W. Carver. (Alabama Tuskegee Sta. Bul. 33, pp. 3-18.)

Twelve Ways to Meet the New Economic Conditions Here in the South. By G. W. Carver. (Alabama Tuskegee Sta. Bul. 35, pp. 3-7.)

The Relation of Fruit Growing to Soil Fertility. By R. C. Thompson. (Arkansas Sta. Bul. 123, pp. 3-20.)

Livestock Sanitary Laws of the State of Arkansas.--State Laws and Regulations of the Board of Control.--Notes on These Laws and Regulations. By R. M. Gow. (Arkansas Sta. Bul. 125, pp. 14.)

Farm Sanitation. By C. L. McArthur. (Arkansas Sta. Bul. 127, pp. 3-24, figs. 9.)

Fattening Swine on Rice By-Products. By H. E. Dvorachek. (Arkansas Sta. Bul. 128, pp. 24, fig. 1.)

Preliminary Report on Kearney Vineyard Experimental Drain. By W. W. Weir. (California Sta. Bul. 273, pp. 103-123, figs. 11.)

The Common Honey Bee as an Agent in Prune Pollination. By A. H. Hendrickson. (California Sta. Bul. 274, pp. 127-132, figs. 2.)

The Cultivation of Belladonna in California. By A. Schneider. (California Sta. Bul. 275, pp. 135-160, figs. 12.)

How to Operate an Incubator. By J. E. Dougherty. (California Sta. Circ. 156, pp. 8, figs. 3.)

Control of Pear Scab. By R. E. Smith. (California Sta. Circ. 157, pp. 4, figs. 5.)

Home and Farm Canning. By W. V. Cruess. (California Sta. Circ. 158, pp. 31, figs. 10.)

Twenty-Eighth Annual Report, 1915. (Colorado Sta. Ann. Rpt., 1915, pp. 30.)

Report on Commercial Fertilizers, 1916. By E. H. Jenkins and J. P. Street. (Connecticut State Sta. Ann. Rpt., 1916, pt. 1, pp. 63.)

Fourth Annual International Egg Laying Contest. By W. F. Kirkpatrick and L. F. Card. (Connecticut Storrs Sta. Bul. 87, pp. 197-244, figs. 25.)

Composition of Hawaiian Soil Particles. By W. T. McGeorge. (Hawaii Sta. Bul. 42, pp. 12.)

Feeding Pure-Bred Draft Fillies. By J. L. Edmonds. (Illinois Sta. Bul. 192, pp. 426-448, figs. 18.)

Summary of Illinois Soil Investigations. By C. G. Hopkins, J. G. Mosier, and F. C. Bauer. (Illinois Sta. Bul. 193, pp. 450-484, pl. 1, figs. 6.)

A New Limestone Tester. By C. G. Hopkins. (Illinois Sta. Bul. 194, pp. 487-495, fig. 1.)

Yields of Spring Grains in Illinois. By W. L. Burlison and O. M. Allyn. (Illinois Sta. Bul. 195, pp. 498-508.)

Caring for Cream on the Farm. By H. A. Ruehe. (Illinois Sta. Circ. 190, pp. 2, fig. 1.)

Care of the Cream Separator. By H. A. Ruehe. (Illinois Sta. Circ. 191, pp. 2.)

Why Cream Tests Vary. By H. A. Ruehe. (Illinois Sta. Circ. 192, pp. 2.)

Tazewell County Soils. By C. G. Hopkins, J. G. Mosier, E. Van Alistine, and F. V. Garrett. (Illinois Sta. Soil Rpt. 14, pp. 62, pls. 2, figs. II.)

Cattle Feeding.--VII, Winter Steer Feeding, 1915-16. By J. H. Skinner and F. G. King. (Indiana Sta. Bul. 191, pp. 35, fig. 1.)

Cattle Feeding.--VII, Winter Steer Feeding, 1915-16. By J. H. Skinner and F. G. King. (Indiana Sta. Bul. 191, pop. ed., pp. 8, fig. 1.)

Sheep Feeding.--VI, Fattening Western Lambs, 1915-16. By J. H. Skinner and F. G. King. (Indiana Sta. Bul. 192, pp. 20, fig. 1.)

) Sheep Feeding.--VI, Fattening Western Lambs, 1915-16. By J. H. Skinner and F. G. King. (Indiana Sta. Bul. 192, pop. ed., pp. 7, fig. 1.)

The Indiana Farm Orchard; Operating Costs and Methods. By C. G. Woodbury, M. W. Richards, and H. J. Reed. (Indiana Sta. Bul. 194, pp. 3-79, figs. 56.)

Temperature Experiments in Incubation. By A. G. Philips. (Indiana Sta. Bul. 195, pp. 31, figs. 5.)

Temperature Experiments in Incubation. By A. G. Philips. (Indiana Sta. Bul. 195, pop. ed., pp. 3, figs. 5.)

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Cost of Raising Leghorn Pullets. By A. G. Philips. (Indiana Sta. Bul. 196, pp. 20, figs. 6.)

Cost of Raising Leghorn Pullets. By A. G. Philips. (Indiana Sta. Bul. 196, pop. ed., pp. 8, figs. 4.)

Commercial Onion Growing. By C. S. Sayre. (Indiana Sta. Circ. 57, pp. 27, figs. 12.)

Potato Insects. By R. L. Webster. (Iowa Sta. Bul. 155, pop. ed., pp. 3-30, figs. 35.)

Rotation and Manure Experiments on the Wisconsin Drift Soil Area. By W. H. Stevenson and P. E. Brown. (Iowa Sta. Bul. 167, pp. 462-476, figs. 8.)

Silage and Silage Fermentation. By A. R. Lamb. (Iowa Sta. Bul. 168, pp. 3-11.)

Estimation of Calcium in Ash of Forage Plants and Animal Carcasses. By S. B. Kuzirian. (Iowa Sta. Research Bul. 32, pp. 99-110.)

Condimental Stock Foods and Proprietary Remedies. By W. G. Gaessler. (Iowa Sta. Circ. 31, pp. 4.)

Testing Milk and Cream. By M. R. Tolstrup and M. Mortensen. (Iowa Sta. Circ. 32, pp. 8, figs. 14.)

The White-Marked Tussock Moth. By R. L. Webster. (Iowa Sta. Circ. 33, pp. 4, figs. 3.)

Tests of Boilers with Bagasse as Fuel. By E. W. Kerr. (Louisiana Stas. Bul. 160, pp. 38, figs. 5.)

Commercial Feeding Stuffs, 1915-16. (Maine Sta. Off. Insp. 79, pp. 53-136.)

Inspection of Commercial Feedstuffs. By P. H. Smith. (Massachusetts Sta. Control Ser. Bul. 5, pp. 69.)

Cooperative Soil Studies by the Agricultural Experiment Station and the Extension Service of the Massachusetts Agricultural College. By F. W. Morse. (Massachusetts Sta. Circ. 64, pt. 3.)

Meteorological Observations at the Massachusetts Agricultural Experiment Station. By J. E. Ostrander and J. S. Sims. (Massachusetts Sta. Met. Bul. 336, pp. 4.)

Cucumber Growing. By C. P. Halligan. (Michigan Sta. Circ. 30, pp. 4.)

Twenty-ninth Annual Report, 1916. (Michigan Sta. Ann. Rpt., 1916, pp. 241-862, figs. 111.)

Labor Requirements of Live Stock. By A. Ross, F. W. Peck, and T. P. Cooper. (Minnesota Sta. Bul. 161, pp. 3-43, figs. 8.)

January, 1917.

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The Cost of Living on Minnesota Farms, 1905-1914. By F. W. Peck. (Minnesota Sta. Bul. 162, pp. 3-31, figs. 10.)

Investigations in Cost and Methods of Clearing Land. By H. J. Thompson. (Minnesota Sta. Bul. 163, pp. 3-31, figs. 25.)

The Influence of the Plane of Nutrition of the Cow upon the Composition and Properties of Milk and Butter Fat.--The Influence of Underfeeding. By C. E. Eckles and L. S. Palmer. (Missouri Sta. Research Bul. 25, pp. 3-107, figs. 15.)

Leaf Smut of Timothy. By G. A. Osner. (New York Cornell Sta. Bul. 381, pp. 107-230, pl. 1, figs. 15.)

Sun-Scald of Fruit Trees, a Type of Winter Injury. By A. J. Mix. (New York Cornell Sta. Bul. 382, pp. 235-264, pls. 2, figs. 2.)

The Pine Bark Beetle (Ips pini). By W. A. Clemens. (New York Cornell Sta. Bul. 383, pp. 287-290, pls. 2, figs. 1.)

Observations on Some Degenerate Strains of Potatoes. By F. C. Stewart. (New York State Sta. Bul. 422, pp. 319-357, pls. 12.)

Some Disappointing Seed Potatoes. By F. H. Hall. (New York State Sta. Bul. 422, pop. ed., pp. 3, figs. 3.)

Miscellaneous Notes on Injurious Insects. By P. J. Parrott and H. E. Hodgkiss. (New York State Sta. Bul. 423, pp. 359-387, pls. 8, figs. 1.)

Some New or Rare Fruit Pests. By F. H. Hall. (New York State Sta. Bul. 423, pop. ed., pp. 8, figs. 3.)

Measurements of Soil Fertility. By V. H. Jordan. (New York State Sta. Bul. 424, pp. 389-412.)

Report of Analyses of Samples of Commercial Fertilizers Collected by the Commissioner of Agriculture during 1916. (New York State Sta. Bul. 425, pp. 418-471.)

Monthly Bulletin of the Chic Agricultural Experiment Station. (Chic Sta. Mo. Bul. 1, (1916), No. 16, pp. 352-361, figs. 11.)

Monthly Bulletin of the Ohio Agricultural Experiment Station. (Ohio Sta. Mo. Bul. 2 (1917), No. 1, pp. 3-31, pl. 1, figs. 5.)

The Maintenance of Breeding Ewes of Mutton and Wool Sheep. By B. O. Severson. (Pennsylvania Sta. Bul. 244, pp. 26, figs. 7.)

The Role of the Flagellated Protozoa in Infective Processes of the Intestines and Liver. By P. B. Hadley. (Rhode Island Sta. Bul. 166, pp. 40, pls. 3.)

A New, Rapid, and Accurate Method for Estimating Lime and Potash in Soils. By T. F. Keitt and C. J. King. (South Carolina Sta. Bul. 188, pp. 5-5.)

January, 1917.

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Twenty-ninth Annual Report, 1916. (South Carolina Sta. Ann. Rpt. 1916, pp. 64.)

Flax Culture in South Dakota. By A. N. Hume, M. Champlin, and J. Martin. (South Dakota Sta. Bul. 169, pp. 464-493, figs. 11.)

Characteristics of Quack Grass (Agrocybe reevesii) and Western Wheat Grass (A. occidentale), with Special Emphasis on the Eradication of Quack Grass. By A. N. Hume and S. L. Sloan. (South Dakota Sta. Bul. 170, pp. 496-524, figs. 9.)

The Composition of Cottonseed Meal and Cottonseed. By G. S. Fraps. (Texas Sta. Bul. 189, pp. 3-79.)

Soils of Grayson, Lee, McLennan, Titus, and Tyler Counties. By G. S. Fraps. (Texas Sta. Bul. 192, pp. 3-51.)

Commercial Fertilizers in 1915-16. By G. S. Fraps. (Texas Sta. Bul. 193, pp. 3-23.)

The Seed Situation in Utah. By G. Stewart. (Utah Sta. Circ. 23, pp. 3-31, figs. 12.)

The Trees of Vermont. By G. P. Burns and C. H. Otis. The Structure and Identification of Our Common Lumber Woods. By C. H. Otis. (Vermont Sta. Bul. 194, pp. 3-244, pls. 9, figs. 97.)

Studies of the Values of Different Grades of Milk in Infant Feeding. By R. M. Washburn and C. H. Jones. (Vermont Sta. Bul. 195, pp. 144, pls. 8, figs. 10.)

Some Studies on Bordeaux Mixture. By B. F. Lutman. (Vermont Sta. Bul. 196, pp. 80, pls. 4, figs. 14.)

Concerning the Use of Commercial Fertilizers in 1916. (Vermont Sta. Circ. 10, pp. 16.)

Commercial Feeding Stuffs. By J. L. Hills, C. H. Jones, and G. F. Anderson. Concerning the Oat Crop. By J. L. Hills. (Vermont Sta. Bul. 197, pp. 3-72.)

Commercial Fertilizers. By J. L. Hills, C. H. Jones, and G. F. Anderson.

Concerning Tillage. By R. T. Burdick. (Vermont Sta. Bul. 198, pp. 3-83, figs. 19.)

Twenty-ninth Annual Report, 1916. (Vermont Sta. Bul. 199, pp. 16.)

Concerning Weeds and Weed Seeds. By C. P. Burns and A. K. Petersen. (Vermont Sta. Bul. 200, pp. 3-79, figs. 52.)

Value of Different Grades of Milk in Infant Feeding. By R. M. Washburn and C. H. Jones. (Vermont Sta. Bul. 201, pp. 3-32, pls. 4, figs. 6.)

Concerning Certain Technical Bulletins and Concerning the Annual Report. (Vermont Sta. Circ. 11, pp. 4, fig. 1.)

January, 1917.

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Sudan Grass. By T. B. Hutcheson, E. R. Hodgson, and T. K. Wolfe. (Virginia Sta. Bul. 212, pp. 3-15, figs. 4.)

Sweet Potato Culture. By T. C. Johnson and J. T. Rosa, Jr. (Virginia Truck Sta. Bul. 19, pp. 387-415, figs. 18.)

Sclerotinia Blight, A Serious Disease of Snap Beans Caused by Sclerotinia libertiana. By J. A. McClintock. (Virginia Truck Sta. Bul. 20, pp. 419-428, figs. 4.)

Index to Popular Bulletins Numbers 1 to 100. By H. D. Clees. (Washington Sta. Index to Pop. Buls. 1-100, pp. 3-30.)

Monthly Bulletin of the Western Washington Experiment Station, Puyallup, Wash. (Western Washington Sta. Mo. Bul., 4 (1917), No. 10, pp. 16, figs. 5.)

The Apple as Affected by Varying Degrees of Dormant and Seasonal Pruning. By W. H. Alderman and E. C. Auchter. (West Virginia Sta. Bul. 158, pp. 56, figs. 21.)

Soil Acidity and Liming. By A. R. Whitson and W. W. Weir. (Wisconsin Sta. Bul. 23^o, 2. ed., pp. 33, figs. 11.)

The Gain in Nitrogen from Growth of Legumes on Acid Soils. By E. B. Fred and E. J. Graul. (Wisconsin Sta. Research Bul. 39, pp. 42, figs. 20.)

Some Economic Factors Which Influence Rural Education in Wisconsin. By E. Merritt and K. L. Hatch. (Wisconsin Sta. Research Bul. 40, pp. 51, figs. 20.)

The Utilization of Phosphates by Agricultural Crops, Including a New Theory Regarding the Feeding Power of Plants. By E. Truog. (Wisconsin Sta. Research Bul. 41, pp. 50, figs. 14.)

Sweet Clover. By T. S. Parsons. (Wyoming Sta. Bul. 110, pp. 3-15, figs. 4.)

UNITED STATES DEPARTMENT OF AGRICULTURE,
STATES RELATIONS SERVICE,
A. C. TRUE, Director.



LIST OF STATION PUBLICATIONS RECEIVED BY THE OFFICE OF
EXPERIMENT STATIONS DURING FEBRUARY, 1917.

NOTE.--The station publications noted in this list are not distributed by the Department of Agriculture, but can usually be obtained, as far as the supply will permit, by applying to the stations issuing them. An address list of the stations will be furnished upon request.

Annual Report, 1916. (Alabama Col. Sta. Ann. Rpt., 1916, pp. 28.)

Information for Prospective Settlers in Alaska. By C. C. Georgeson. (Alaska Stas. Circ. 1, rev. ed., pp. 30, pls. 5.) A limited number of copies of this publication is available for free distribution by the Department of Agriculture.

The Pomegranate. By R. W. Hodgson. (California Sta. Bul. 276, pp. 163-192, figs. 15.)

Agriculture in the Imperial Valley.--A Manual for Settlers. By W. E. Packard. (California Sta. Circ. 159, pp. 71, figs. 20.)

Loss of Fertilizers by Leaching. By S. E. Collison and S. S. Walker. (Florida Sta. Bul. 132, pp. 20, pls. 2, figs. 5.)

Annual Report, 1916. (Indiana Sta. Ann. Rpt., 1916, pp. 100, figs. 8.)

Further Investigations of the Etiology and Control of Infectious Abortion in Mares. By E. S. Good and W. V. Smith. (Kentucky Sta. Bul. 204, pp. 337-396, pls. 8.)

Elm Leaf Rosette and Woolly Aphid of the Apple. By Edith M. Patch. (Maine Sta. Bul. 256, pp. 327-344, pls. 5.)

Commercial Fertilizers, 1916. (Maine Sta. Off. Insp. 80, pp. 137-198.)

Inspection of Commercial Fertilizers. By H. D. Haskins, L. S. Walker, C. P. Jones, and W. A. Allen. (Massachusetts Sta. Control Ser. Bul. 6, pp. 93.)

Campaign to Eliminate Bacillary White Diarrhea. (Massachusetts Sta. Circ. 65, rev. ed., p. 1.)

Poultry Farm Disinfection. By J. B. Paige. (Massachusetts Sta. Circ. 65, i.e., 65, pp. 4.)

Meteorological Observations at the Massachusetts Agricultural Experiment Station. By J. E. Ostrander and W. P. Saunders. (Massachusetts Sta. Met. Bul. 337, pp. 4)

Michigan Weeds. By W. J. Beal. (Michigan Sta. Bul. 267, 2. ed., pp. 181, pl. 1, figs. 248.)

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Commercial Feeding Stuffs. By A. J. Patten, et al. (Michigan Sta. Bul. 276, pp. 3-72.)

Farmers' Elevators in Minnesota, 1914-15. By E. D. Durand and J. P. Jensen. (Minnesota Sta. Bul. 164, pp. 3-43, figs. 5.)

A Physiological Study of Two Strains of Fusarium in Their Causal Relation to Tuber Rot and Wilt of Potato. By G. K. K. Link. (Nebraska Sta. Res. Bul. 9, pp. 3-45, figs. 13.)

Analysis of Fertilizers for 1916. By B. E. Curry and T. O. Smith. (New Hampshire Sta. Bul. 179, pp. 10.)

Results of Seed Tests for 1916. By F. W. Taylor and F. S. Prince. (New Hampshire Sta. Bul. 180, pp. 18.)

Notes on the Presence of Nitrates in Orchard Soils. By J. H. Gourley and V. D. Shunk. (New Hampshire Sta. Tech. Bul. 11, pp. 3-31, figs. 9.)

Report of the Director for 1916. (New Jersey Stas. Bul. 298, pp. 3-51.)

Annual Report, 1915. (New Jersey Stas. Ann. Rpt., 1915, pp. XXVIII + 394, pls. 55, figs. 3.)

Dusting and Spraying Nursery Stock. By V. B. Stewart. (New York Cornell Sta. Bul. 385, pp. 335-361, figs. 9.)

Practical Milling Tests. By E. F. Ladd. (North Dakota Sta. Circ. 15, pp. 11, figs. 4.)

Special Bulletin Food Department. (North Dakota Sta. Spec. Food Bul., 4 (1917), No. 10, pp. 243-258, fig. 1.)

The Possible Wayne County Farm. By C. E. Thorne. (Ohio Sta. Bul. 304, pp. 209-225, figs. 2.)

Raw Phosphate Rock as a Fertilizer. By C. E. Thorne. (Ohio Sta. Bul. 305, pp. 227-277, figs. 7.)

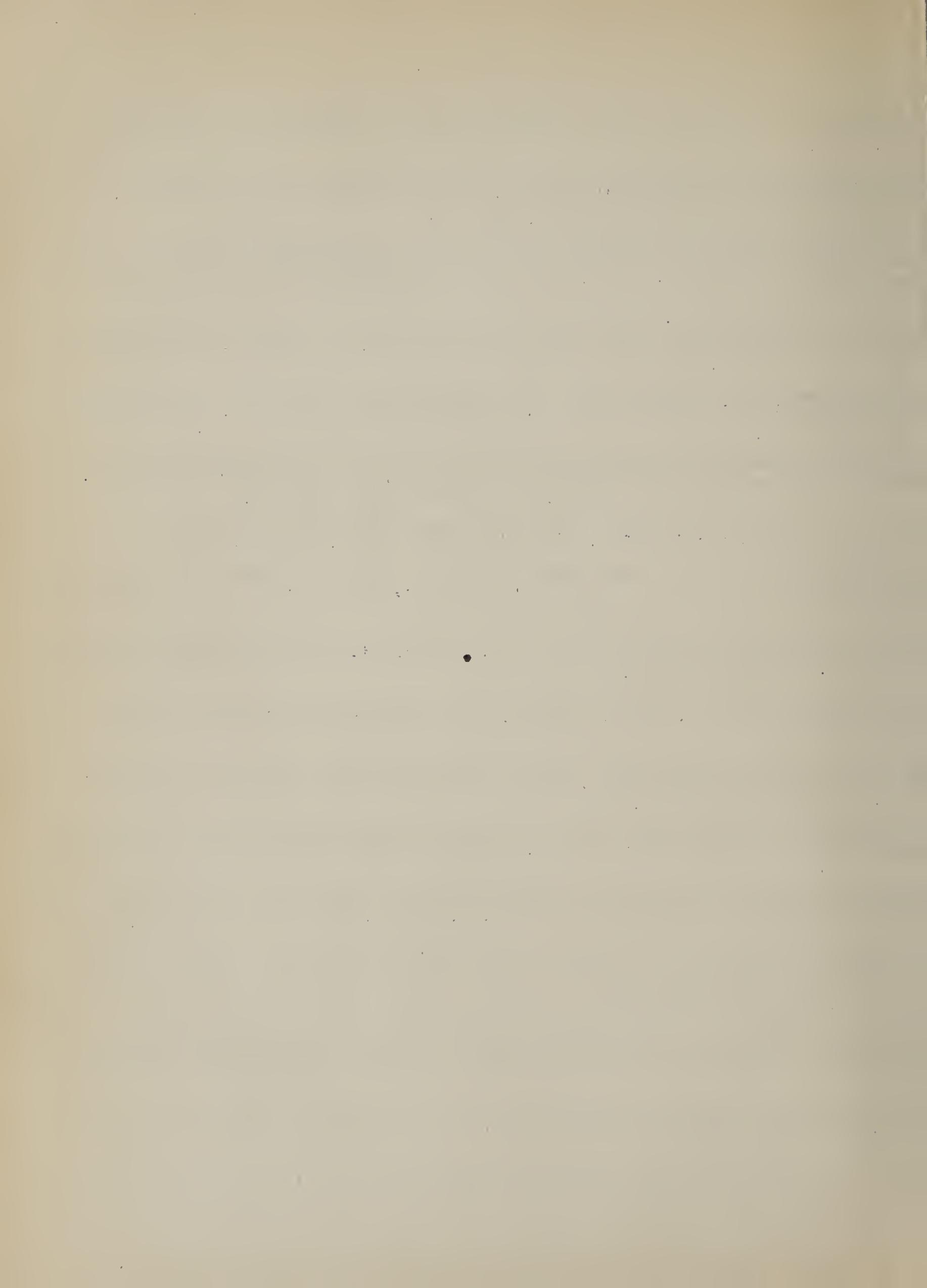
Sheep Industry in Oklahoma. By W. L. Carlyle and D. A. Spencer. (Oklahoma Sta. Bul. 111, pp. 3-47, figs. 12.)

A Study of the Effect of Cottonseed Meal v. Beef Scrap Upon the Egg Production, Fertility, and Vitality of Poultry. By B. A. Ahrens. (Oklahoma Sta. Bul. 112, pp. 3-20.)

The San Jose Scale, Aspidiotus perniciosus. By H. R. Painter. (Oklahoma Sta. Circ. 41, pp. 7, figs. 3.)

Report of the Hood River Branch Experiment Station for 1916. (Oregon Sta. Bul. 141, pp. 56, figs. 10.)

The Avenue and Development of Tissue-Infection in Intestinal Trichomoniasis. By P. B. Hadley. (Rhode Island Sta. Bul. 168, pp. 64, pls. 11, figs. 2.)



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Cotton.--Varieties and Limiting Factor Tests, 1916. By W. L. Hutchinson. (South Carolina Sta. Bul. 189, pp. 8.)

Corn.--Varieties and Limiting Factor Tests, Season 1916. By W. L. Hutchinson. (South Carolina Sta. Bul. 190, pp. 7.)

The Effect of Additions on the Availability of Soil Potash, and the Preparation of Sugar Humus. By G. S. Fraps. (Texas Sta. Bul. 190, pp. 3-30.)

Commercial Feeding Stuffs, 1915-16.--Texas Feed Law. By B. Youngblood. (Texas Sta. Bul. 194, pp. 3-351.)

The Green Bug or Spring Grain Aphis. By S. W. Bilsing. (Texas Sta. Circ. 13, pp. 3-8, figs. 2.)

Foul Brood Regulations, Effective On and After September 1, 1916. By F. B. Paddock. (Texas Sta. Circ. 14, pp. 3-5.)

A Milk House for Texas. By L. Rhodes. (Texas Sta. Circ. 15, pp. 3-7, figs. 4.)

Directions for Preparation of Veterinary Specimens for Examination. By M. Francis. (Texas Sta. Circ. 16, pp. 7, figs. 3.)

The Texas Foul Brood Law and Foul Brood Regulations. By F. B. Paddock. (Texas Sta. Circ. 17, pp. 3-20.)

Some Sources of Potassium. By C. T. Hirst and E. G. Carter. (Utah Sta. Circ. 22, pp. 3-12.)

Spraying and Dusting Tomatoes. By F. D. Fromme and H. E. Thomas. (Virginia Sta. Bul. 213, pp. 14, figs. 4.)

A Soil Survey of the Proposed Palouse Irrigation Project. By H. F. Holtz. (Washington Sta. Bul. 133, pp. 3-14, pls. 6.)

Sheep Husbandry in the Pacific Northwest. By W. Hislop and C. E. Howell. (Washington Sta. Bul. 134, pp. 3-24, figs. 12.)

Annual Report, 1916. (Washington Sta. Bul. 136, pp. 66, figs. 17.)

Monthly Bulletin of the Western Washington Experiment Station, Puyallup, Wash. (Western Washington Sta. Mo. Bul., 4 (1917), No. 11, pp. 16, figs. 2.)

Analyses of One Hundred West Virginia Soils. By F. E. Bear and R. M. Salter. (West Virginia Sta. Bul. 161, pp. 3-36, fig. 1.)

The Work of the Experiment Station and Agricultural Extension Service for 1916. (Wisconsin Sta. Bul. 275, pp. 92, figs. 42.)

Correct Payment for Cheese Factory Milk by the Babcock Test. By J. L. Sammis. (Wisconsin Sta. Bul. 276, pp. 42, figs. 4.)

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LIST OF STATION PUBLICATIONS RECEIVED BY THE OFFICE OF
EXPERIMENT STATIONS DURING MARCH, 1917.

NOTE.--The station publications noted in this list are not distributed by the Department of Agriculture, but can usually be obtained, as far as the supply will permit, by applying to the stations issuing them. An address list of the stations will be furnished upon request.

A Study of Colorado Wheat, III. By W. P. Headen. (Colorado Sta. Bul. 219, pp. 3-131.)

Potato Growing in Colorado. By E. F. Sandsten. (Colorado Sta. Bul. 230, pp. 3-29, pl. 1, figs. 7.)

Hotbeds and Cold Frames. By T. F. Limbocker. (Colorado Sta. Bul. 221, pp. 8, figs. 4.)

The Forcing of Strawberries. By Florence I. Kinnison. (Colorado Sta. Bul. 222, pp. 8, figs. 3.)

A Comparative Bacteriological Study of the Water Supply of the City and County of Denver, Colorado. By W. G. Sackett. (Colorado Sta. Bul. 225, pp. 3-14, pls. 4, figs. 3.)

Annual Report, 1916. (Delaware Sta. Bul. 116, pp. 31.)

Irish Potatoes in Florida. By A. P. Spencer. (Florida Sta. Bul. 133 (rev. ed. Bul. 120), pp. 21-32, figs. 4.)

The Associative Digestibility of Corn Silage and Cottonseed Meal in Steer Rations. - II, The Influences Exerted by Corn Silage and Cottonseed Meal on the Digestion Co-efficients of Each Other When Fed in Combination, as Determined by Means of a Fractional Separation of the Feces. By P. V. Ewing, C. A. Wells, and F. H. Smith. (Georgia Sta. Bul. 125, pp. 149-164, fig. 1.)

Cotton and Corn Varieties. By C. K. McClelland. (Georgia Sta. Circ. 75, pp. 3-8.)

Report on Varieties of Pecans in 1914, 1915, 1916 at the Georgia Experiment Station. By H. P. Stuckey. (Georgia Sta. Circ. 76, pp. 5.)

Twenty-ninth Annual Report, 1916. (Georgia Sta. Ann. Rpt., 1916, pp. 31, figs. 6.)

The Spraying of Yellow Pineapple Plants on Manganese Soils with Iron Sulphate Solutions. By M. O. Johnson. (Hawaii Federal Sta. Press Bul. 51, pp. 11, figs. 4.) A limited number of copies of this publication is available for free distribution by the Department of Agriculture.

Dry-farmed and Irrigated Wheat. By J. S. Jones, C. W. Colver, Amy Kelly, and Elizabeth Hays. (Idaho Sta. Bul. 88, pp. 20.)

Lamb and Sheep Feeding Experiments. By E. J. Iddings. (Idaho Sta. Bul. 89, pp. 14 figs. 3.)

Creamery Records. By O. W. Holmes. (Idaho Sta. Bul. 90, pp. 19, figs. 16.)

Methods of Clearing Logged-off Land. By C. H. Shattuck. (Idaho Sta. Bul. 91, pp. 59, figs. 39.)

Annual Report, 1916. (Idaho Sta. Bul. 92, pp. 71, figs. 9.)

Forest and Shade Trees and Basket Willows Recommended for Planting in Idaho. By C. H. Shattuck. (Idaho Sta. Circ. 4, pp. 4.)

Soil Acidity and the Liming of Iowa Soils. By P. E. Brown. (Iowa Sta. Bul. 151, abridged, pp. 22, fig. 1.)

Community Hog Houses. By J. B. Davidson, J. M. Evvard, and W. G. Kaiser. (Iowa Sta. Bul. 166, abridged, pp. 40, figs. 28.)

Annual Report, 1916. (Iowa Sta. Ann. Rpt., 1916, pp. 36.)

A New Sweetcorn Disease in Kentucky. By H. Garman. (Kentucky Sta. Circ. 13, pp. 4, fig. 1.)

Commercial Agricultural Seeds, 1916. By C. D. Woods. (Maine Sta. Off. Insp. 81, pp. 28.)

Connecticut Valley Onion Supply and Distribution. By A. E. Cance, W. L. Machmer, and F. W. Read. (Massachusetts Sta. Bul. 169, pp. VI + 49-122, figs. 40.)

Shade Trees.--Characteristics, Adaptation, Diseases, and Care. By G. E. Stone. (Massachusetts Sta. Bul. 170, pp. 123-264, figs. 110.)

A Chemical Study of the Asparagus Plant. By F. W. Morse. (Massachusetts Sta. Bul. 171, pp. 365-296.)

Meteorological Observations at the Massachusetts Agricultural Experiment Station. By J. E. Ostrander and W. P. Saunders. (Massachusetts Sta. Met. Bul. 338, pp. 4)

Twenty-fourth Annual Report, 1916. (Minnesota Sta. Ann. Rpt., 1916, pp. 83.)

Self-feeders for Fattening Swine, With Directions for Constructing a Self-feeder. By L. A. Weaver and E. W. Lehmann. (Missouri Col. Sta. Bul. 144, pp. 22, figs. 6.)

The Nutrients Required to Develop the Bovine Fetus. By C. H. Eckles. (Missouri Col. Sta. Res. Bul. 26, pp. 3-36, figs. 4.)

Effects of Feeding Cottonseed Products on the Composition and Properties of Butter --Influence of the Character of the Ration and Quantity of Cottonseed Products. By C. H. Eckles and L. S. Palmer. (Missouri Col. Sta. Res. Bul. 27, pp. 3-44, figs. 3.)

The Colloidal Swelling of Wheat Gluten in Relation to Milling and Baking. By F. W. Upson and J. W. Calvin. (Nebraska Sta. Res. Bul. 8, pp. 3-26, figs. 5.)

The Use of Bacterins in the Control of Fowl Cholera. By W. B. Mack and E. Records. (Nevada Sta. Bul. 85, pp. 3-29.)

Annual Report, 1916. (Nevada Sta. Ann. Rpt., 1916, pp. 56, figs. 8.)

Preparing Birds for Exhibition. By R. F. Irvin. (New Jersey Stas. Hints to Poultrymen, 5 (1916), No. 1, pp. 4.)

The Vineland International Egg Laying and Breeding Contest. By H. R. Lewis. (New Jersey Stas. Hints to Poultrymen, 5 (1916), No. 2, pp. 4.)

The Value of Post Mortem Examinations. By W. C. Thompson. (New Jersey Stas. Hints to Poultrymen, 5 (1916), No. 3, pp. 4.)

Mating and Early Hatching. By V. G. Aubry. (New Jersey Stas. Hints to Poultrymen, 5 (1917), No. 4, pp. 4.)

Our State Department of Poultry Husbandry, Its Organization and Activities. By H. R. Lewis. (New Jersey Stas. Hints to Poultrymen, 5 (1917), No. 5, pp. 4.)

Colony Brooding. By V. G. Aubry. (New Jersey Stas. Hints to Poultrymen, 5 (1917), No. 6, pp. 4.)

Twenty-seventh Annual Report, 1916. (New Mexico Sta. Ann. Rpt., 1916, pp. 64, figs. 4.)

Some Effects of Oxygen and Carbon Dioxid on Nitrification and Ammonification in Soils. By J. K. Plummer. (New York Cornell Sta. Bul. 384, pp. 303-330, figs. 5.)

Physiological Studies of Bacillus radicicola of Soy Bean (Soyja max) and of Factors Influencing Nodule Production. By J. K. Wilson. (New York Cornell Sta. Bul. 386, pp. 367-413, figs. 15.)

A Classification of the Varieties of Cultivated Oats. By W. C. Etheridge. (New York Cornell Sta. Mem. 1C, pp. 172, pls. 22, figs. 22.)

Special Bulletin Food Department. (North Dakota Sta. Spec. Food Bul., 4 (1917), No. 11, pp. 259-330, figs. 4.)

County Experiment Farms in Ohio.--Annual Reports for 1915. (Ohio Sta. Bul. 303, pp. 69-207, figs. 29.)

The Lesser Peach Tree Borer (Synanthedon pictipes). By J. L. King, et al. (Ohio Sta. Bul. 307, pp. 397-448, figs. 21.)

The Mineral Metabolism of the Milch Cow, II. By E. B. Forbes, F. M. Beegle, C. M. Fritz, L. E. Morgan, and S. N. Rhue. (Ohio Sta. Bul. 308, pp. 449-481.)

Monthly Bulletin of the Ohio Agricultural Experiment Station. (Ohio Sta. Mo. Bul., 2 (1917), Nos. 2, pp. 35-68, figs. 10; 3, pp. 69-102, figs. 6.)

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Experimentos con Abono en Arboles del Genero Citrus en Puerto Rico. By C. F. Kinman. (Porto Rico Federal Sta. Bul. 18, Spanish Ed., pp. 34, pls. 2, fig. 1.) A limited number of copies of this publication is available for free distribution by the Department of Agriculture.

Some Profitable and Unprofitable Coffee Lands. By T. B. McClelland. (Porto Rico Federal Sta. Bul. 21, pp. 13, pls. 2, figs. 5.) A limited number of copies of this publication is available for free distribution by the Department of Agriculture.

Studies by Means of Both Pot and Solution Culture of the Phosphorus and Potassium Requirements of the Barley Plant During Its Different Periods of Growth. By F. R. Pember, et al. (Rhode Island Sta. Bul. 169, pp. 50, pls. 2, figs. 6.)

Publications of the Work of the Agricultural Experiment Station of the Rhode Island State College, Kingston, R. I. (Rhode Island Sta. Bul. 169, Sup., pp. VIII.)

The Coulee Cricket (Peranabrus scabricollis). By A. L. Melander and M. A. Yother. (Washington Sta. Bul. 137, pp. 56, figs. 37.)

First Annual Report of the Adams Branch Experiment Station, 1916. By M. A. McCall. (Washington Sta. Bul. 138, pp. 16, figs. 9.)

Monthly Bulletin of the Western Washington Experiment Station, Puyallup, Wash. (West. Washington Sta. Mo. Bul., 4 (1917), No. 12, pp. 20, figs. 2.)

The Production of Eggs for Hatching. By H. Atwood. (West Virginia Sta. Circ. 24, pp. 15.)

The Incubation of Hen Eggs. By H. Atwood. (West Virginia Sta. Circ. 25, pp. 24.)

Brooding and Feeding Little Chicks. By H. Atwood. (West Virginia Sta. Circ. 26, pp. 15, figs. 5.)

The Management of Tobacco Soils. By J. Johnson. (Wisconsin Sta. Bul. 277, pp. 29, figs. 13.)

The Country Church....An Economic and Social Force. By C. J. Galpin. (Wisconsin Sta. Bul. 278, pp. 48, figs. 15.)

UNITED STATES DEPARTMENT OF AGRICULTURE,
STATES RELATIONS SERVICE,
A. C. TRUE, Director.

LIST OF STATION PUBLICATIONS RECEIVED BY THE OFFICE OF
EXPERIMENT STATIONS DURING APRIL, 1917.

NOTE.--The station publications noted in this list are not distributed by the Department of Agriculture, but can usually be obtained, as far as the supply will permit, by applying to the stations issuing them. An address list of the stations will be furnished upon request.

Peanuts.--Tests of Varieties and Fertilizers. By J. F. Duggar, E. F. Cauthen, J. T. Williamson, and O. H. Sellers. (Alabama Col. Sta. Bul. 193, pp. 3-52, pls. 4.)

Growing Peanuts in Alabama (A Popular Edition of Bulletin No. 193). By J. F. Duggar, E. F. Cauthen, J. T. Williamson, and O. H. Sellers. (Alabama Col. Sta. Bul. 194, pp. 35-48.)

Relation of Weather to Crops and Varieties Adapted to Arizona Conditions. By A. J. McClatchie, J. E. Coit, et al. (Arizona Sta. Bul. 78, pp. 41-118, pl. 1, fig. 1.)

Sudan Grass. By B. A. Madison and P. B. Kennedy. (California Sta. Bul. 277, pp. 195-224, figs. 5.)

Lettuce Growing in California. By S. S. Rogers. (California Sta. Circ. 160, pp. 16, figs. 11.)

Potatoes in California. By J. W. Gilmore. (California Sta. Circ. 161, pp. 8.)

Bacillary White Diarrhea or Fatal Septicemia of Chicks and Coccidiosis or Coccidial Enteritis of Chicks. By J. R. Beach. (California Sta. Circ. 162, pp. 8.)

Some Fundamental Considerations Affecting the Food Supply of the United States. Memorandum Prepared for the Committee on Resources and Food Supply of the State Council of Defense. By T. F. Hunt. (California Sta. Circ. 163, pp. 5-13, fig. 1.)

A Fruit Survey of Mesa County. By E. P. Sandsten, T. F. Limbocker, and R. A. McGinty. (Colorado Sta. Bul. 223, pp. 52, figs. 12.)

Beans in Colorado and Their Diseases. By A. Kezer and W. G. Sackett. (Colorado Sta. Bul. 226, pp. 31, figs. 12.)

Observations on Alfalfa. By E. H. Jenkins. (Connecticut State Sta. Bul. 192, pp. 12.)

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Tests of Soy Beans, 1916 (Note on the Plant Food in a Corn Crop). By E. H. Jenkins, J. P. Street, and C. D. Hubbell. (Connecticut State Sta. Bul. 193, pp. 12.)

"Universal Military Service" for Farmers. By E. H. Jenkins. (Connecticut State Sta. Bul. of Information 7, pp. 4.)

Sixteenth Report of the State Entomologist, 1916. By W. E. Britton. (Connecticut State Sta. Ann. Rpt., 1916, pt. II, pp. VII + 65-146, pls. 16, figs. 3.)

Commercial Feeding Stuffs, 1916. By J. P. Street, et al. (Connecticut State Sta. Ann. Rpt., 1916, pt. III, pp. 147-184.)

Report of the Hawaii Agricultural Experiment Station, 1916. (Hawaii Federal Sta. Rpt., 1916, pp. 46, pls. 6.) A limited number of copies of this publication is available for free distribution by the Department of Agriculture.

Soy Beans and Cowpeas in Illinois. By W. L. Burlison and O. M. Allyn. (Illinois Sta. Bul. 198, pp. 20.)

Why Illinois Produces Only Half a Crop. By C. G. Hopkins. (Illinois Sta. Circ. 193, pp. 3-16.)

Field Experiments in Spraying Apple Orchards in 1916. By A. J. Gunderson and W. S. Brock. (Illinois Sta. Circ. 194, pp. 15.)

Spring Conditions Affecting the Cream Producer. By H. A. Ruehe. (Illinois Sta. Circ. 195, pp. 4, fig. 1.)

Mobilization for Food Production. By E. Davenport. (Illinois Sta. Pub., pp. 4.)

Twenty-ninth Annual Report, 1916. (Illinois Sta. Ann. Rpt., 1916, pp. 18.)

Steer Feeding.--X, Winter Steer Feeding, 1913-14. By J. H. Skinner and F. G. King. (Indiana Sta. Bul. 178, popular ed., pp. 8.)

Sheep Feeding.--IV, Fattening Western Lambs, 1913-14. By J. H. Skinner and F. G. King. (Indiana Sta. Bul. 179, popular ed., pp. 8.)

Red Sorrel and Its Control (Rumex acetosella). By F. J. Pipal. (Indiana Sta. Bul. 197, pp. 28, figs. 16.)

Summaries of Soil Fertility Investigations. By A. T. Wiancko and S. C. Jones. (Indiana Sta. Bul. 198, pp. 3-20.)

Stallion Enrollment.--VI, Report of Stallion Enrollment Work for the year 1916, with Lists of Stallions and Jacks Enrolled. By H. E. McCartney. (Indiana Sta. Circ. 58, pp. 182, figs. 25.)

Studies in Sulfofication. By P. E. Brown and H. W. Johnson. (Iowa Sta. Research Bul. 34, pp. 3-24.)

Effect of Some Manganese Salts on Ammonification and Nitrification. By P. E. Brown and G. A. Minges. (Iowa Sta. Research Bul. 35, pp. 3-22.)

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Influence of Humus Forming Materials of Different Nitrogen-Carbon Ratios on Bacterial Activities. By P. E. Brown and F. E. Allison. (Iowa Sta. Research Bul. 56, pp. 5-50.)

Soil Survey of Iowa--I, Bremer County Soils. By W. H. Stevenson, P. E. Brown, and F. B. Howe. (Iowa Sta. Soil Rpt. 1, pp. 48, pl. 1, figs. 11.)

Kansas State Live Stock Registry Board, V. (Kansas Sta. Insp. Bul. 1, pp. 239.)

Chicken Management on the Farm. By R. M. Sherwood, W. A. Lippincott, F. E. Mussehl, N. L. Harris, and F. E. Mixa. (Kansas Sta. Circ. 60, pp. 23, figs. 13.)

Some Commonly Neglected Factors Underlying the Stock Breeding Industry. By R. Pearl. (Maine Sta. Bul. 258, pp. 28, fig. 1.)

Meteorological Observations at the Massachusetts Agricultural Experiment Station. By J. E. Ostrander and W. P. Saunders. (Massachusetts Sta. Met. Bul. 339, pp. 4.)

Report of Northeast Demonstration Farm and Experiment Station, Duluth, 1915. (Minnesota Sta. Rpt. Northeast Demonstration Farm and Experiment Station, 1915, pp. 11, fig. 1.)

Report of Northeast Demonstration Farm and Experiment Station, Duluth, 1916. (Minnesota Sta. Rpt. Northeast Demonstration Farm and Experiment Station, 1916, pp. 12.)

Report of the Superintendent Northwest Experiment Station, 1910-1916. (Minnesota Sta. Rpt. Northwest Experiment Station, 1910-1916, pp. 102, pl. 1, figs. 10.)

Report of West Central Substation, Morris, 1915. (Minnesota Sta. Rpt. West Central Substation, 1915, pp. 15, figs. 3.)

Profits in Farming on Irrigated Areas in the Gallatin Valley, Montana. By E. L. Currier. (Montana Sta. Bul. 111, pp. 52, figs. 2.)

Fourteenth Annual Report of the State Entomologist of Montana. By R. A. Cooley. (Montana Sta. Bul. 112, pp. 53-76, fig. 1.)

Third Annual Report of the State Grain Laboratory of Montana. By A. Atkinson, B. W. Whitlock, and C. W. Jahnke. (Montana Sta. Bul. 113, pp. 77-100, figs. 21.)

Report of the Work of the Horticultural Substation. By O. P. Whipple. (Montana Sta. Bul. 114, pp. 101-123, figs. 8.)

Investigations of Irrigation Pumping Plants. By H. E. Murdock. (Montana Sta. Bul. 115, pp. 125-148, figs. 6.)

Analyses of Materials Sold as Insecticides and Fungicides for 1916. By C. S. Cathcart and R. L. Willis. (New Jersey Stas. Bul. 301, pp. 3-16.)

Results of Seed Inspection, 1915 and 1916. By J. P. Helyar. (New Jersey Stas. Bul. 302, pp. 3-23.)

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Analyses of Commercial Fertilizers and Ground Bone; Analyses of Agricultural Lime. By C. S. Cathcart, et al. (New Jersey Sta. Bul. 303, pp. 3-52.)

A Substitute for Self-boiled Lime-Sulphur and Other Summer Sprays for Peaches. (New Jersey Sta. Circ. 63, pp. 4.)

Chick Troubles. By W. C. Thompson. (New Jersey Sta. Hints to Poultrymen, 5 (1917), No. 7, pp. 4.)

Twenty-ninth Annual Report, 1916. (New York Cornell Sta. Ann. Rpt., 1916, pp. LXXVII + 832, pls. 41, figs. 145.)

Spray Calendar, with Seed, Soil, and Disinfection Treatment Methods. By W. J. Green, A. D. Selby, and H. A. Gossard. (Ohio Sta. Bul. 309 (rev. ed. Bul. 232), pp. 481-516, figs. 3.)

Soy Beans.--Their Culture and Use. By C. G. Williams and J. B. Park. (Ohio Sta. Bul. 312, pp. 579-600, figs. 4.)

Plums,

Dependable Fruits.--Apples, Pears, Peaches, Cherries, Small Fruits. By W. J. Green, P. Thayer, and J. P. Keil. (Ohio Sta. Bul. 313, pp. 601-614, fig. 1.)

Monthly Bulletin of the Ohio Agricultural Experiment Station. (Ohio Sta. Mo. Bul., 2 (1917), No. 4, pp. 103-136, figs. 15.)

Illustrative Fair Exhibits, Ohio Agricultural Experiment Station. By F. M. Lutts. (Ohio Sta. Pub., pp. 27, figs. 27.)

Stallion Registration and Licenses for the year 1916. (Oklahoma Sta. Circ. 42, pp. XVIII + 105.)

The Economical Use of Irrigation Water. By W. L. Powers. (Oregon Sta. Bul. 140, pp. 3-79, figs. 14.)

The Culture of Small Fruits on Irrigated Sandy Land. By R. W. Allen. (Oregon Sta. Bul. 142, pp. 3-14, figs. 2.)

Annual Report, 1916. (South Dakota Sta. Ann. Rpt., 1916, pp. 27.)

Japanese Sugar Cane as a Forage Crop. By A. H. Leidigh, G. T. McNess, and H. H. Laude. (Texas Sta. Bul. 195, pp. 3-28, figs. 7.)

Digestibility of Sugars, Starches, and Pentosans of Roughages. By G. S. Fraps. (Texas Sta. Bul. 196, pp. 3-36.)

Feeding Baby Beeves. By J. C. Burns. (Texas Sta. Bul. 198, pp. 3-21, figs. 8.)

The Freezing of Fruit Buds. By F. L. West and N. E. Edlefsen. (Utah Sta. Bul. 151, pp. 3-24, figs. 6.)

The Effect of Soil Moisture Content on Certain Factors in Wheat Production. By F. S. Harris and H. J. Maughan. (Utah Sta. Bul. 152, pp. 3-15, figs. 15.)

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North American Varieties of the Strawberry, with a Bibliography of North American Literature of the Strawberry. By S. W. Fletcher. (Virginia Sta. Tech. Bul. 11, pp. 126, figs. 19.)

Truck Crop Potato Fertilizers. By T. C. Johnson. (Virginia Truck Sta. Bul. 21, pp. 431-452, figs. 4.)

Sweet Potato Diseases. By J. A. McClintock. (Virginia Truck Sta. Bul. 22, pp. 455-486, figs. 14.)

Field Pea Production. By E. G. Schaefer and E. F. Gaines. (Washington Sta. Bul. 140, pp. 3-16, pl. 1, figs. 2.)

Barley in Washington. By E. G. Schaefer and E. F. Gaines. (Washington Sta. Bul. 141, pp. 3-12, figs. 3.)

Potato Growing in Washington.--I, Potato Growing; II, Potato Diseases; III, Potato Insects. By O. M. Morris, F. D. Heald, and M. A. Yothers. (Washington Sta. Pop. Bul. 106, pp. 123, figs. 43.)

Winter Sprays.--Lime-Sulphur Spray and Crude Oil Emulsions. By A. L. Melander. (Washington Sta. Pop. Bul. 107 (rev. ed. Pop. Bul. 64), pp. 12.)

Tree Planting in Eastern Washington. By O. M. Morris. (Washington Sta. Pop. Bul. 108, pp. 4.)

Celery Culture. By F. W. Allen. (Washington Sta. Pop. Bul. 109, pp. 4.)

Cabbage and Cauliflower Culture. By C. B. Sprague. (Washington Sta. Pop. Bul. 110, pp. 4.)

Bean Culture. By A. L. Strausz. (Washington Sta. Pop. Bul. 111, pp. 4.)

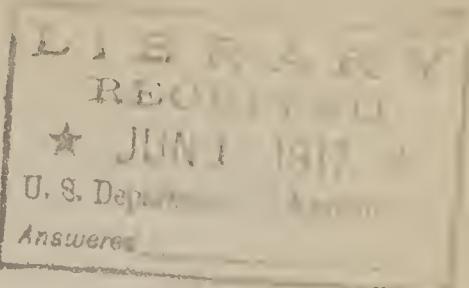
Monthly Bulletin of the Western Washington Experiment Station, Puyallup, Wash. (Western Washington Sta. Mo. Bul., 5 (1917), No. 1, pp. 16.)

Amount and Cost of Labor Required for Growing Crops in West Virginia. By O. M. Johnson and A. J. Dadisman. (West Virginia Sta. Bul. 163, pp. 3-11, fig. 1.)

Pruning Fruit Trees. By W. H. Alderman and E. C. Auchter. (West Virginia Sta. Bul. 164, pp. 40, figs. 32.)

Commercial Fertilizers, Inspection 1916. By B. H. Hite and F. B. Kunst. (West Virginia Sta. Insp. Bul. 5, pp. 3-85.)

UNITED STATES DEPARTMENT OF AGRICULTURE,
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LIST OF STATION PUBLICATIONS RECEIVED BY THE OFFICE OF
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Annual Report of the Director of the Experiment Station on Work Done Under the Local Experiment Law in 1916. By J. F. Duggar. (Alabama Col. Sta. Circ. 35, pp. 35.)

Forty-three Ways to Save the Wild Plum Crop. By G. W. Carver. (Alabama Tuskegee Sta. Bul. 34, pp. 3-12.)

Corn Variety Tests, 1915 and 1916. By L. W. Osborn. (Arkansas Sta. Bul. 130, pp. 3-31.)

The Inosite-phosphoric Acids of Cottonseed Meal. By J. B. Rather. (Arkansas Sta. Bul. 131, pp. 3-20.)

Grain Sorghums. By B. A. Madson. (California Sta. Bul. 278, pp. 227-250, figs. 6.)

Small Fruit Culture in California. By A. H. Hendrickson. (California Sta. Circ. 164, pp. 24, figs. 13.)

Fundamentals of Sugar Beet Culture Under California Conditions. By R. L. Adams. (California Sta. Circ. 165, pp. 22, figs. 4.)

Native Vegetation and Climate of Colorado in Their Relation to Agriculture. By W. W. Robbins. (Colorado Sta. Bul. 224, pp. 3-56, pls. 4, figs. 16.)

Bacillary White Diarrhea of Young Chicks.--VI, Second Progress Report on the Elimination of Infected Breeding Stock. By L. F. Rettger, W. F. Kirkpatrick, and R. E. Jones. (Connecticut Storrs Sta. Bul. 88, pp. 247-254.)

Fifth Annual International Egg Laying Contest. By W. F. Kirkpatrick and L. E. Card. (Connecticut Storrs Sta. Bul. 89, pp. 255-302, figs. 21.)

Florida Truck and Garden Insects. By J. R. Watson. (Florida Sta. Bul. 134, pp. 35-127, figs. 57.)

The Utilization of Cull Citrus Fruits in Florida. By F. A. McDermott, summarized by S. S. Walker. (Florida Sta. Bul. 135, pp. 129-144.)

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Control of Root-knot by Calcium Cyanamid and Other Means. By J. R. Watson. (Florida Sta. Bul. 136, pp. 145-160, fig. 1.)

Chemical Studies of the Efficiency of Legumes as Green Manures in Hawaii. By Alice R. Thompson. (Hawaii Federal Sta. Bul. 43, pp. 26.) A limited number of copies of this publication is available for free distribution by the Department of Agriculture.

Feeding for Egg Production. By P. Moore. (Idaho Sta. Circ. 3, pp. 4.)

The Use of Commercial Fertilizers in Growing Roses. By F. W. Muncie. (Illinois Sta. Bul. 196, pp. 510-564, figs. 37.)

The Use of Commercial Fertilizers in Growing Roses. By F. W. Muncie. (Illinois Sta. Bul. 196, abs., pp. 4.)

A Study of the Rate and Economy of Gains of Fattening Steers, with Special Reference to the Influence of the Amount and the Character of Feed Consumed. By H. W. Mumford, H. S. Grindley, A. D. Emmett, and S. Bull. (Illinois Sta. Bul. 197, pp. 566-604.)

A Study of the Rate and Economy of Gains of Fattening Steers, with Special Reference to the Influence of the Amount and the Character of Feed Consumed. By H. W. Mumford, H. S. Grindley, A. D. Emmett, and S. Bull. (Illinois Sta. Bul. 197, abs., pp. 3.)

The Tomato as a Farm Crop for the Canning Factory. By C. G. Woodbury, J. G. Boyle, and H. J. Reed. (Indiana Sta. Circ. 59, pp. 28, figs. 13.)

Tuberculosis. By R. A. Craig and C. H. Clink. (Indiana Sta. Circ. 60, pp. 8, figs. 7.)

Bees for the Farmer. By J. Troop and W. A. Price. (Indiana Sta. Circ. 61, pp. 20, figs. 10.)

Evergreen Trees for Iowa. By G. B. Macdonald. (Iowa Sta. Bul. 170, pp. 29-59, figs. 31.)

The Barberry Bush and Black Stem Rust of Small Grains. By I. E. Melhus and L. W. Durrell. (Iowa Sta. Circ. 35, pp. 4, figs. 6.)

Cream Production and Grading in Kansas. By G. S. Hine. (Kansas Sta. Circ. 56, pp. 4, fig. 1.)

Growing Draft Colts. By C. W. McCampbell. (Kansas Sta. Circ. 57, pp. 16, figs. 8.)

A Preliminary Report on Two New Methods of Preventing Blackleg by Means of an Anti-Blackleg Serum and an Aggressin. By F. S. Schoenleber, T. P. Haslam, and O. M. Franklin. (Kansas Sta. Circ. 59, pp. 7.)

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Analyses of Inspection Samples of Fertilizers, 1915-1916. By J. T. Willard and R. C. Wiley. (Kansas Sta. Insp. Circ. 3, pp. 17.)

Analyses of Inspection Samples of Fertilizers, Fall 1916. By J. T. Willard and R. C. Wiley. (Kansas Sta. Insp. Circ. 4, pp. 11.)

The Home Garden in Kentucky. By C. S. Adams. (Kentucky Sta. Circ. 14, pp. 6-59, figs. 18.)

Abstracts of Papers not Included in Bulletins, Finances, Meteorology, Index. (Maine Sta. Bul. 257, pp. 343-367 + XII.)

Miscellaneous Drug Preparations. By C. D. Woods. (Maine Sta. Off. Insp. 82, pp. 29-56.)

Wheat. By N. Schmitz. (Maryland Sta. Bul. 198, pp. 59-94, figs. 11.)

Tests of the Value of Stable Manure, Commercial Fertilizer, and Crimson Clover for Vegetable Crops. By T. H. White. (Maryland Sta. Bul. 199, pp. 95-106.)

Winter Oats, Barley, Spelt, and Emmer. By N. Schmitz. (Maryland Sta. Bul. 200, pp. 107-132, figs. 8.)

Soy Beans. By N. Schmitz. (Maryland Sta. Bul. 201, pp. 131-158, figs. 6.)

Twenty-eighth Annual Report, 1915. (Maryland Sta. Ann. Rpt., 1915, pp. XXVII + 214, pls. 9, figs. 50.)

Twenty-ninth Annual Report, 1916. (Maryland Sta. Ann. Rpt., 1916, pp. XII + 95, figs. 16.)

Experiments in Keeping Asparagus After Cutting. By F. W. Morse. (Massachusetts Sta. Bul. 172, pp. 293-307.)

Meteorological Observations at the Massachusetts Agricultural Experiment Station. By J. E. Ostrander and W. P. Saunders. (Massachusetts Sta. Met. Bul. 340, pp. 4.)

Studies in the Cost of Market Milk Production. By A. C. Anderson and F. T. Riddell. (Michigan Sta. Bul. 277, pp. 38, figs. 6.)

Fertilizer Analyses. By A. J. Patten, E. F. Berger, A. E. Smoll, and E. A. De Windt. (Michigan Sta. Bul. 278, pp. 3-51.)

Third Annual Seed Laboratory Report, 1915-16. By W. L. Oswald. (Minnesota Sta. Bul. 165, pp. 12, figs. 4.)

Cotton Experiments, 1916. (Mississippi Sta. Bul. 178, pp. 3-40, figs. 3.)

Inspection of Commercial Fertilizers, 1916. By P. F. Trowbridge. (Missouri Col. Sta. Bul. 145, pp. 41, fig. 1.)

Agricultural Lime. By M. F. Miller and H. H. Krusekopf. (Missouri Col. Sta. Bul. 146, pp. 25, figs. 7.)

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Pump Irrigation in Nebraska. By E. E. Brackett and O. W. Sjogren. (Nebraska Sta. Circ. 2, pp. 28, figs. 21.)

Forage and Root Crops. By C. S. Knight. (Nevada Sta. Bul. 86, pp. 3-20, figs. 13.)

Home Potato Patches. By C. S. Knight. (Nevada Sta. Bul. 87, pp. 8, figs. 2.)

Field Crops for Late Planting. By C. S. Knight. (Nevada Sta. Bul. 88, pp. 15, figs. 5.)

The Influence of Salinity on the Development of Certain Species of Mosquito Larvae and Its Bearing on the Problem of the Distribution of Species. By F. E. Chidester. (New Jersey Stas. Bul. 299, pp. 3-16, figs. 6.)

A Biological Study of the More Important of the Fish Enemies of the Salt-marsh Mosquitoes. By F. E. Chidester. (New Jersey Stas. Bul. 300, pp. 3-16, pl. 1, figs. 2.)

Fertilizer Registrations for 1917. By C. S. Cathcart. (New Jersey Stas. Bul. 304, pp. 5-42.)

Maintaining the Nitrogen Supply of the Soil.--Continuous Wheat and Rye with and without a Leguminous Green Manure Crop. By A. W. Blair. (New Jersey Stas. Bul. 305, pp. 3-16, figs. 8.)

A Press for the Georgia Carrier. By M. A. Blake and H. C. Haines. (New Jersey Stas. Circ. 64, pp. 8, figs. 4.)

The 1916 Tests of Sulphur-arsenical Dusts Against the Strawberry Weevil. By T. J. Headlee. (New Jersey Stas. Circ. 65, pp. 3-7, fig. 1.)

The Capon. By V. G. Aubry. (New Jersey Stas. Hints to Poultrymen, 5 (1917), No. 8, pp. 4.)

Dry Farming in Eastern New Mexico. By J. E. Mundell and H. G. Smith. (New Mexico Sta. Bul. 104, pp. 61, figs. 15.)

New Mexico Beans. By F. Garcia. (New Mexico Sta. Bul. 105, pp. 56, figs. 15.)

Cork, Drouth Spot, and Related Diseases of the Apple. By A. J. Mix. (New York State Sta. Bul. 426, pp. 473-522, pls. 12.)

New or Noteworthy Fruits, V. By U. P. Hedrick. (New York State Sta. Bul. 427, pp. 523-529, pls. 5.)

Director's Report for 1916. By W. H. Jordan. (New York State Sta. Bul. 428, pp. 529-558.)

The Leaf Weevil (*Polydrusus impressifrons*). By P. J. Parrott and H. Glasgow. (New York State Sta. Tech. Bul. 56, pp. 3-24, pls. 8, figs. 6.)

Soil Flora Studies.--I, The General Characteristics of the Microscopic Flora of Soil; II, Methods Best Adapted to the Study of the Soil Flora. By H. J. Conn. (New York State Sta. Tech. Bul. 57, pp. 42.)

Soil Flora Studies.--III, Spore-forming Bacteria in Soil. By H. J. Conn. (New York State Sta. Tech. Bul. 58, pp. 3-16, figs. 4.)

Soil Flora Studies.--IV, Nonspore-forming Bacteria in Soil. By H. J. Conn. (New York State Sta. Tech. Bul. 59, pp. 3-18.)

Inheritance of Sex in Vitis rotundifolia. By L. R. Detjen. (North Carolina Sta. Tech. Bul. 12, pp. 3-43, figs. 18.)

Velvet Beans; How to Grow and Use. By C. B. Williams. (North Carolina Sta. Circ. 35, pp. 4, fig. 1.)

The Capacity of Wheat and Mill Products for Moisture. By W. L. Stockham. (North Dakota Sta. Bul. 120, pp. 97-131, figs. 12.)

Special Bulletin Food Department. (North Dakota Sta. Spec. Food Bul., 4 (1917), No. 12, pp. 331-346.)

Organizing Cooperative Associations. By J. E. Boyle. (North Dakota Sta. Circ. 16, pp. 24.)

Liming and Lime Requirement of Soil. By J. W. Ames and C. J. Schollenberger. (Ohio Sta. Bul. 306, pp. 279-396, figs. 5.)

The Green Soldier Bug, Nezara hilaris. By R. D. Whitmarsh. (Ohio Sta. Bul. 310, pp. 517-552, figs. 17.)

Distribution of the Ohio Broods of Periodical Cicada with Reference to Soil. By H. A. Gossard. (Ohio Sta. Bul. 311, pp. 553-577, figs. 15.)

Monthly Bulletin of the Ohio Agricultural Experiment Station. (Ohio Sta. Mo. Bul., 2 (1917), No. 5, pp. 137-171, figs. 10.)

Information for Horse Breeders. By L. L. Lewis and W. P. Shuler. (Oklahoma Sta. Circ. 43, pp. 11, fig. 1.)

Steer Feeding Experiments. By W. H. Tomhave, V. O. Severson, and P. Gerlaugh. (Pennsylvania Sta. Bul. 145, pp. 20, figs. 3.)

Pasteurization of Cream. By C. Larsen, J. M. Fuller, V. R. Jones, H. Gregory, and M. Tolstrup. (South Dakota Sta. Bul. 171, pp. 528-548, figs. 6.)

Grasshoppers and Their Control. By H. C. Severin and G. I. Gilbertson. (South Dakota Sta. Bul. 172, pp. 552-588, figs. 15.)

How to Feed Live Stock Successfully. By C. A. Willson. (Tennessee Sta. Bul. 116, pp. 51-106, figs. 8.)

May, 1917.

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The Composition of Rice and Its By-products. By G. S. Fraps. (Texas Sta. Bul. 191, pp. 3-41.)

Progress Report of Substation No. 3, Angleton, Texas, 1909-1914. By N. E. Winters. (Texas Sta. Bul. 197, pp. 3-20, figs. 4.)

Progress Report, Texas Substation No. 6, Denton, Texas, 1909-1914. By V. L. Cory. (Texas Sta. Bul. 199, pp. 3-18, figs. 3.)

Peanut Meal and Ground Whole Pressed Peanuts for Hogs. By L. B. Burk. (Texas Sta. Bul. 201, pp. 3-9.)

Progress Report of Substation No. 12, Chillicothe, Texas, 1905-1914. By R. W. Edwards. (Texas Sta. Bul. 202, pp. 3-30, figs. 13.)

The San Jose Scale. By F. B. Paddock. (Texas Sta. Circ. 18, pp. 3-11, figs. 3.)

Breeding for Egg Production.--I, A Study of Annual and Total Production. By E. D. Ball, B. Alder, and A. D. Egbert. (Utah Sta. Bul. 148, pp. 60, figs. 11.)

Irrigation and Manuring Studies.--II, The Effect of Varying Quantities of Irrigation Water and Manure on the Growth and Yield of Corn. By F. S. Harris and D. W. Pittman. (Utah Sta. Bul. 154, pp. 3-29, figs. 14.)

Gluten Formation in the Wheat Kernel. By G. A. Olson. (Washington Sta. Bul. 142, pp. 3-19.)

Monthly Bulletin of the Western Washington Experiment Station, Puyallup, Wash. (Western Washington Sta. Mo. Bul., 5 (1917), No. 2, pp. 17-28, figs. 4.)

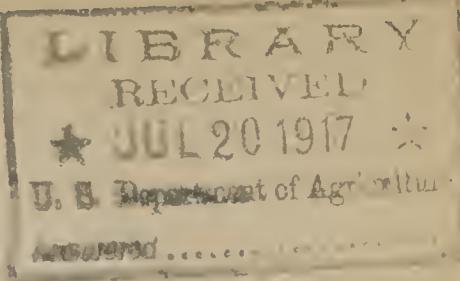
Fertilizers Sold in Wisconsin. By W. H. Strowd. (Wisconsin Sta. Bul. 279, pp. 13, fig. 1.)

Potato Growing in Wisconsin. By J. G. Milward. (Wisconsin Sta. Bul. 280, pp. 26, figs. 14.)

Alfalfa in Wyoming. By T. S. Parsons. (Wyoming Sta. Bul. 111, pp. 19-55, figs. 6.)

Twenty-sixth Annual Report, 1916. (Wyoming Sta. Ann. Rpt., 1916, pp. 61-100.)

UNITED STATES DEPARTMENT OF AGRICULTURE,
STATES RELATIONS SERVICE,
A. C. TRUE, Director.



LIST OF STATION PUBLICATIONS RECEIVED BY THE OFFICE OF
EXPERIMENT STATIONS DURING JUNE, 1917.

NOTE.--The station publications noted in this list are not distributed by the Department of Agriculture, but can usually be obtained, as far as the supply will permit, by applying to the stations issuing them. An address list of the stations will be furnished upon request.

The Digestibility of Some Arkansas Feeds for Hogs. By J. B. Rather. (Arkansas Sta. Bul. 133, pp. 16, fig. 1.)

Irrigation of Rice in California. By R. D. Robertson. (California Sta. Bul. 279, pp. 251-270, figs. 7.)

The Economical Irrigation of Alfalfa in Sacramento Valley. By S. H. Beckett and R. D. Robertson. (California Sta. Bul. 280, pp. 271-294, figs. 2.)

Dry Farming in Colorado. By A. Kezer. (Colorado Sta. Bul. 227, pp. 3-40, figs. 12.)

Divisors. By V. M. Cone. (Colorado Sta. Bul. 228, pp. 52, figs. 8.)

Twenty-ninth Annual Report, 1916. (Colorado Sta. Ann. Rpt. 1916, pp. 39, fig. 1.)

Annual Report, 1916. (Florida Sta. Ann. Rpt. 1916, pp. 118R + IV, figs. 22.)

Essentials in Larger Food Production. By C. G. Hopkins. (Illinois Sta. Circ. 197, pp. 4.)

Home Vegetable Gardening. By C. E. Durst. (Illinois Sta. Circ. 198, pp. 56, figs. 29.)

Edgar County Soils. By C. G. Hopkins, J. G. Mosier, E. Van Alstine, and F. W. Garrett. (Illinois Sta. Soil Rpt. 15, pp. 562, pls. 2, figs. 8.)

Methods of Controlling Grasshoppers. By F. B. Milliken. (Kansas Sta. Bul. 215, pp. 3-30, figs. 19.)

The Woodlot. By C. A. Scott. (Kansas Sta. Circ. 58, pp. 37, figs. 24.)

Twenty-ninth Annual Report, 1916. (Louisiana Stas. Ann. Rpt. 1916, pp. 29.)

Spraying Potatoes in 1916. (Maine Sta. Doc. 522, pp. 12, fig. 1.)

The Preparation and Use of Lime Sulphur in Orchard Spraying. By W. J. Morse. (Maine Sta. Doc. 523, pp. 11, figs. 2.)

Apple Tree Insects of Maine. By Edith M. Patch and O. A. Johannsen. (Maine Sta. Doc. 525, pp. 73, pls. 7, figs. 23.)

New Varieties of Oats. (Maine Sta. Doc. 526, pp. 7.)

Spruce Budworm, (Tortrix fumiferana). (Maine Sta. Doc. 528, pp. 11, figs. 7.)

Potato Growing and Potato Diseases from Maine to California. By W. J. Morse. (Maine Sta. Doc. 531, pp. 20.)

Timothy Fertilization and Culture. By N. Schmitz. (Maryland Sta. Bul. 202, pp. 159-178, figs. 3.)

Agricultural Seed Inspected in 1915. By C. P. Smith. (Maryland Sta. Bul. 203, pp. 179-230.)

Meteorological Observations at the Massachusetts Agricultural Experiment Station. By J. E. Ostrander and W. P. Saunders. (Massachusetts Sta. Met. Bul. 341, pp. 4.)

Why, When, and How to Spray. By J. R. Cooper. (Nebraska Sta. Bul. 158, pp. 20, figs. 13.)

Pork Production on Irrigated Lands in Western Nebraska. By J. A. Holden. (Nebraska Sta. Bul. 159, pp. 3-31, figs. 3.)

Spraying Experiments in Nebraska. By J. R. Cooper. (Nebraska Sta. Research Bul. 10, pp. 98, figs. 25.)

Cooling Tanks and Milk Houses as Factors in Cream Improvement. By J. H. Frandsen. (Nebraska Sta. Circ. 3, pp. 19, figs. 13.)

Corn. By E. App. (New Jersey Stas. Circ. 69, pp. 7.)

Field Bean Production. By R. W. De Baun. (New Jersey Stas. Circ. 70, pp. 4.)

The Poultryman's Problems in 1917. By H. R. Lewis. (New Jersey Stas. Hints to Poultrymen, 5 (1917), No. 9, pp. 4.)

The Bean Beetle (Epilachna corrupta). By D. E. Merrill. (New Mexico Sta. Bul. 106, pp. 30, pls. 4, fig. 1.)

Studies on Clubroot of Cruciferous Plants. By C. Chupp. (New York Cornell Sta. Bul. 387, pp. 419-452, figs. 16.)

The Poplar and Willow Borer. By R. Matheson. (New York Cornell Sta. Bul. 388, pp. 455-483, pl. 1, figs. 18.)

Clarification of Milk. By T. J. McInerney. (New York Cornell Sta. Bul. 389, pp. 487-504, figs. 7.)

Goat's Milk for Infant Feeding. By W. H. Jordan and G. A. Smith. (New York State Sta. Bul. 429, pp. 3-20, pls. 2.)

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Goat Milk Good for Babies. By F. H. Hall. (New York State Sta. Bul. 429, pop. ed., pp. 7, fig. 1.)

Ground Limestone for Use in New York State. By J. F. Barker and W. W. Baer. (New York State Sta. Bul. 430, pp. 21-32, pls. 4, figs. 2.)

Plant Lice Injurious to Apple Orchards.--II, Studies on Control of Newly-hatched Aphids. By P. J. Parrott, H. E. Hodgkiss, and F. H. Lathrop. (New York State Sta. Bul. 431, pp. 33-79, pl. 1, figs. 4.)

Vinifera Grapes in New York. By R. D. Anthony. (New York State Sta. Bul. 432, pp. 81-105, pls. 6.)

Winter Injury of Grapes. By F. E. Gladwin. (New York State Sta. Bul. 433, pp. 107-139, pls. 8.)

Soil Flora Studies.--V, Actinomycetes in Soil. By H. J. Conn. (New York State Sta. Tech. Bul. 60, pp. 3-25.)

Facilities for Lysimeter and Outdoor Pot Culture Work at the Station. By J. F. Barker. (New York State Sta. Tech. Bul. 61, pp. 3-10, pls. 2, figs. 3.)

Tobacco Culture in North Carolina. By E. H. Matthewson and E. G. Moss. (North Carolina Sta. Bul. 237, pp. 40, figs. 13.)

Biological Investigation of Sphenophorus callosus. By Z. P. Metcalf. (North Carolina Sta. Tech. Bul. 13, pp. 3-123, pl. 1, figs. 68.)

Thirty-ninth Annual Report, 1916. (North Carolina Sta. Ann. Rpt. 1916, pp. 207, pl. 1, figs. 56.)

Special Bulletin Food Department. (North Dakota Sta. Spec. Food Bul., 4 (1917), No. 13, pp. 347-362.)

Monthly Bulletin of the Ohio Agricultural Experiment Station. (Ohio Sta. Mo. Bul. 2 (1917), No. 6, pp. 171-210, figs. 8.)

The Locust Borer. By C. E. Sanborn and H. R. Painter. (Oklahoma Sta. Bul. 113, pp. 3-8, figs. 4.)

The Determination of Fat in Certain Milk Products. By C. K. Francis and D. G. Morgan. (Oklahoma Sta. Bul. 114, pp. 4, fig. 1.)

Sudan Grass Silage. By C. K. Francis and W. G. Friedemann. (Oklahoma Sta. Bul. 115, pp. 8, figs. 2.)

New Facts Regarding the Period of Ascospore Discharge of the Apple Scab Fungus. By L. Childs. (Oregon Sta. Bul. 143, pp. 3-11, figs. 2.)

Dry Farming Investigations at the Sherman County Branch Experiment Station. By D. E. Stephens and C. E. Hill. (Oregon Sta. Bul. 144, pp. 3-48, figs. 13.)

June, 1917.

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Persistence of Lawn and Other Grasses as Influenced Especially by the Effect of Manures on the Degree of Soil Acidity. By B. L. Hartwell and S. C. Damon. (Rhode Island Sta. Bul. 170, pp. 24, pls. 4.)

Suggestions for the Control of Injurious Insects and Plant Diseases. By G. M. Bentley. (Tennessee Sta. Bul. 117, pp. 109-123, figs. 2.)

Further Studies of the Nitric Nitrogen Content of the Country Rock. By R. Stewart and W. Peterson. (Utah Sta. Bul. 150, pp. 3-20, fig. 1.)

Selecting Dairy Bulls by Performance. By W. E. Carroll. (Utah Sta. Bul. 153, pp. 3-19, figs. 3.)

Preserving Eggs for the Home. By B. Alder. (Utah Sta. Circ. 25, pp. 8.)

Agricultural Culture. By T. B. Hutcheson, E. R. Hodgson, and T. K. Wolfe. (Virginia Sta. Bul. 214, pp. 3-12, figs. 2.)

Inheritance in Wheat, Barley, and Oat Hybrids. By E. F. Gaines. (Washington Sta. Bul. 135, pp. 3-61, figs. 9.)

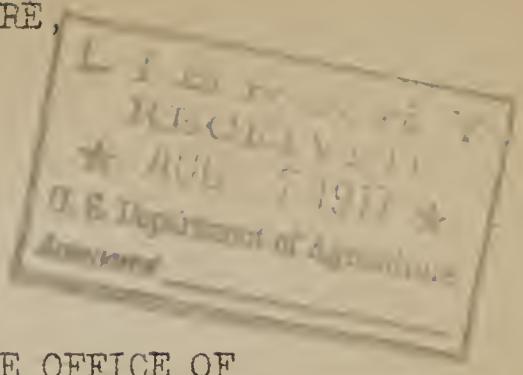
Microchemical Studies in the Progressive Development of the Wheat Plant. By Sophia H. Eckerson. (Washington Sta. Bul. 139, pp. 3-21, figs. 2.)

The Estimation of Sulphur in Plant Material and Soil. By G. A. Olson. (Washington Sta. Bul. 145, pp. 3-12, figs. 2.)

Monthly Bulletin of the Western Washington Experiment Station, Puyallup, Wash. (Western Washington Sta. Mo. Bul., 5 (1917), No. 3, pp. 29-44, figs. 8.)

Five Years' Investigations in Apple Thinning. By E. C. Auchter. (West Virginia Sta. Bul. 162, pp. 56, figs. 9.)

UNITED STATES DEPARTMENT OF AGRICULTURE,
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LIST OF STATION PUBLICATIONS RECEIVED BY THE OFFICE OF
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NOTE.--The station publications noted in this list are not distributed by the Department of Agriculture, but can usually be obtained, as far as the supply will permit, by applying to the stations issuing them. An address list of the stations will be furnished upon request.

Preserving Eggs for Home Use. By G. S. Templeton. (Alabama Col. Sta. Circ. 36, pp. 39-42.)

Varieties of Cotton, 1916. By W. E. Ayres. (Arkansas Sta. Bul. 129, pp. 3-32, fig. 1.)

Blooming Period of the Apple in Northwest Arkansas. By W. H. Wicks. (Arkansas Sta. Bul. 134, pp. 12, figs. 3.)

Observations on the Recent Agricultural Inquiry in California. By T. F. Hunt. (California Sta. [Pub.], pp. 20.)

Bean Culture. By V. C. Bryant. (California Sta. [Pub.], pp. 2.)

Brisket Disease. By G. H. Glover and I. E. Newsom. (Colorado Sta. Bul. 229, pp. 8, figs. 4.)

Harvesting and Storing Vegetables for Home Use. By J. J. Gardner. (Colorado Sta. Bul. 232, pp. 7, figs. 5.)

Grasshopper Control. By C. R. Jones. (Colorado Sta. Bul. 233, pp. 29, figs. 17.)

Selecting Rations for Dairy Cows. By G. C. White and K. B. Musser. (Connecticut Storrs Sta. Bul. 90, pp. 3-38, pl. 1.)

The Tillering of Winter Wheat. By A. E. Grantham. (Delaware Sta. Bul. 117, pp. 3-119, figs. 18.)

Some Causes of Injury to Citrus Trees Apparently Induced by Ground Limestone. By B. F. Floyd. (Florida Sta. Bul. 137, pp. 161-179, figs. 6.)

Rhodes Grass. By P. H. Rolfs. (Florida Sta. Bul. 138, pp. 182-190, fig. 1.)

Experiments with Small Grains under Irrigation. By J. S. Welch. (Idaho Sta. Bul. 93, pp. 24, figs. 5.)

Experiments with Legume Crops under Irrigation. By J. S. Welch. (Idaho Sta. Bul. 94, pp. 20, figs. 9.)

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The Management of Irrigated Grass Pastures. By J. S. Welch. (Idaho Sta. Bul. 95, pp. 17, figs. 4.)

The Management of Farm Flocks in Idaho. By E. J. Iddings. (Idaho Sta. Bul. 96, pp. 14, figs. 5.)

Commercial Onion Culture in Idaho. By C. C. Vincent. (Idaho Sta. Bul. 97, pp. 3-16, figs. 9.)

Winter versus Summer Pruning of Apple Trees. By C. C. Vincent. (Idaho Sta. Bul. 98, pp. 28, pls. 2, figs. 25.)

Field Experiments in Spraying Apple Orchards. By J. C. Blair, B. S. Pickett, et al. (Illinois Sta. Bul. 185, abs., pp. 12, figs. 4.)

Yields of Winter Grains in Illinois. By W. L. Burlison and O. M. Allyn. (Illinois Sta. Bul. 201, pp. 96-110, figs. 3.)

Cow Testing Associations. By E. M. Clark. (Illinois Sta. Circ. 196, pp. 10, figs. 2.)

The Arrangement of Rectangular Dairy Barns. By R. S. Hulce and W. B. Nevens. (Illinois Sta. Circ. 199, pp. 30, figs. 23.)

Possibilities of the Fall Vegetable Garden. By C. E. Durst. (Illinois Sta. Circ. 200, pp. 8, fig. 1.)

Dried Bean Production in Illinois. By C. E. Durst. (Illinois Sta. Circ. 201, pp. 8.)

Feed and Care of the Dairy Calf. By R. S. Hulce and W. B. Nevens. (Illinois Sta. Circ. 202, pp. 12, figs. 6.)

Evergreen Trees for Iowa. By B. G. MacDonald. (Iowa Sta. Bul. 170, abridged ed., pp. 16, figs. 7.)

Environmental Influences on Nectar Secretion. By L. A. Kenoyer. (Iowa Sta. Research Bul. 37, pp. 219-232, fig. 1.)

Fishiness in Evaporated Milk. By B. W. Hammer. (Iowa Sta. Research Bul. 38, pp. 235-246, fig. 1.)

Feeding Dairy Cattle. By A. C. McCandlish. (Iowa Sta. Circ. 34, pp. 32.)

The Marketing of Kansas Butter. By T. Macklin. (Kansas Sta. Bul. 216, pp. 3-79, figs. 42.)

Alfalfa Silage. By O. E. Reed and J. B. Fitch. (Kansas Sta. Bul. 217, pp. 3-19, figs. 2.)

Pupae of Some Maine Species of Notodontoidae. By Edna Mosher. (Maine Sta. Bul. 259, pp. 27-84, figs. 5.)

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Barn and Field Experiments in 1916. By C. D. Woods. (Maine Sta. Bul. 260, pp. 83-120.)

Variety Tests of Potatoes, Tomatoes, Cabbage, and Other Vegetables. By T. H. White. (Maryland Sta. Bul. 204, pp. 231-262, figs. 5.)

Fumigation of Greenhouses. By E. N. Cory. (Maryland Sta. Bul. 205, pp. 263-282.)

The Hothouse Milliped. By E. N. Cory and F. H. O'Neill. (Maryland Sta. Bul. 206, pp. 283-294, figs. 3.)

Plum Growing in Maryland. By F. S. Holmes. (Maryland Sta. Bul. 207, pp. 295-326.)

Meteorological Observations at the Massachusetts Agricultural Experiment Station. By J. E. Ostrander and W. P. Saunders. (Massachusetts Sta. Met. Bul. 342, pp. 4.)

Some Recent Advances in Knowledge of the Natural History and the Control of Mosquitoes. By T. J. Headlee. (New Jersey Stas. Bul. 306, pp. 3-26, figs. 10.)

The Domestic Flies of New Jersey. By C. H. Richardson. (New Jersey Stas. Bul. 307, pp. 3-28, figs. 18.)

The Potash Question and General Farm Crops. By A. W. Blair. (New Jersey Stas. Circ. 67, pp. 3-7.)

Common Diseases of Cucumbers and Melons. By W. H. Martin. (New Jersey Stas. Circ. 68, pp. 11, figs. 5.)

Diseases of Tomatoes. By M. T. Cook and W. H. Martin. (New Jersey Stas. Circ. 71, pp. 8, figs. 6.)

The Seed Situation. By J. P. Helyar. (New Jersey Stas. Circ. 72, pp. 3-7.)

Dairy Feeding and the Calculation of Rations. By L. S. Riford. (New Jersey Stas. Circ. 73, pp. 15.)

Spray Calendar for Apples and Quinces. (New Jersey Stas. Circ. 75, pp. 3.)

Spray Calendar for Pears. (New Jersey Stas. Circ. 76, pp. 3.)

Spray Calendar for Sweet Cherry. (New Jersey Stas. Circ. 77, pp. 3.)

Spray Calendar for Plum. (New Jersey Stas. Circ. 78, pp. 3.)

Spray Calendar for Peach. (New Jersey Stas. Circ. 79, pp. 3.)

The Moulting of Fowls. By R. F. Irvin. (New Jersey Stas. Hints to Poultrymen, 5 (1917), No. 10, pp. 4.)

Sugar Beet Culture. By R. L. Stewart. (New Mexico Sta. Bul. 107, pp. 30, figs. 7.)

July, 1917.

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Determination of Carbonates in Limestone and Other Materials. By J. F. Barker.
(New York State Sta. Tech. Bul. 62, pp. 3-7, fig. 1.)

The Milling and Baking Data for the 1915 Crop of Wheat. By T. Sanderson. (North Dakota Sta. Bul. 122, pp. 59-94.)

Thirty-five Years' Results with Fertilizers. By F. D. Gardner, C. F. Noll, and P. S. Baker. (Pennsylvania Sta. Bul. 146, pp. 29, figs. 11.)

Effect of Different Methods of Transplanting Coffee. By T. B. McClelland.
(Porto Rico Fed. Sta. Bul. 22, pp. 11, pl. 1.) A limited number of copies
of this publication is available for free distribution by the Department of
Agriculture.

Progress Report, Substation No. 4, Beaumont, Texas, 1909-1914. By H. H. Laude.
(Texas Sta. Bul. 200, pp. 3-18, figs. 4.)
of

The Recurving Milo and Some Factors Influencing It. By A. B. Conner and R. E. Karpør. (Texas Sta. Bul. 204, pp. 3-30, figs. 13.)

Poultry Feed and Feeding Results. By R. N. Harvey. (Texas Sta. Bul. 206,
pp. 3-16, figs. 4.)

Licensed Stallions in Utah During the Season of 1916. By W. E. Carroll.
(Utah Sta. Circ. 24, pp. 25, fig. 1.)

The Dipterous Families Sepsidae and Piophilidae. By A. L. Melande and A. Spuler.
(Washington Sta. Bul. 143, pp. 3-103, figs. 28.)

A New Method for the Preparation of Pectin. By J. S. Caldwell. (Washington
Sta. Bul. 147, pp. 3-14.)

Monthly Bulletin of the Western Washington Experiment Station, Puyallup, Wash.
(Western Washington Sta. Mo. Bul., 5 (1917), No. 4, pp. 45-60, figs. 5.)

Agricultural Cooperation. By B. H. Hibbard. (Wisconsin Sta. Bul. 238, 2. ed.,
rev., pp. 45, figs. 2.)

UNITED STATES DEPARTMENT OF AGRICULTURE,
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LIST OF STATION PUBLICATIONS RECEIVED BY THE OFFICE OF
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Control of the Pocket Gopher in California.--I, Natural History of the Pocket Gopher; Various Methods of Control; by J. Dixon; II, A Method of Poisoning Pocket Gophers; by E. R. De Ong. (California Sta. Bul. 281, pp. 15, figs. 4.)

Manure from the Sea. By E. H. Jenkins and J. P. Street. (Connecticut State Sta. Bul. 194, pp. 13, figs. 7.)

Insects Injuring Stored Food Products in Connecticut. By W. E. Britton. (Connecticut State Sta. Bul. 195, pp. 21, figs. 18.)

Twenty-first Report on Food Products and Ninth Report on Drug Products, 1916. By J. P. Street, et al. (Connecticut State Sta. Ann. Rpt., 1916, pt. IV, pp. 185-304.)

Report of the Guam Agricultural Experiment Station, 1916. (Guam Sta. Rpt., 1916, pp. 58, pls. 10, figs. 5.) A limited number of copies of this publication is available for free distribution by the Department of Agriculture.

Germ Content of Milk.--I, As Influenced by the Factors at the Barn. By M. J. Prucha and H. M. Weeter. (Illinois Sta. Bul. 199, pp. 22-52, figs. 3.)

Digestion Experiments with Pigs, with Special Reference to the Influence of One Feed upon Another and to the Individuality of Pigs. By H. S. Grindley, W. J. Carmichael, and C. I. Newlin. (Illinois Sta. Bul. 200, pp. 54-94, figs. 4.)

Sanitary Measures to Prevent Hog Cholera. By R. Graham. (Illinois Sta. Circ. 203, pp. 8.)

Du Page County Soils. By C. G. Hopkins, J. G. Mosier, E. Van Alstine, and F. W. Garrett. (Illinois Sta. Soil Rpt. 16, pp. 56, pl. 1, figs. 8.)

Commercial Fertilizers. By W. R. Jones, Jr., et al. (Indiana Sta. Bul. 199, pp. 3-114, fig. 1.)

August, 1917.

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Bordeaux Spray for Tip Burn and Early Blight of Potatoes. By A. T. Erwin.
(Iowa Sta. Bul. 171, pp. 62-75, pls. 2, figs. 6.)

Spontaneous Combustion as a Cause of Fires. By A. R. Lamb. (Iowa Sta. Circ. 36, pp. 4.)

Wheat and Rye Production in Iowa. By W. R. Hechler. (Iowa Sta. Circ. 37, pp. 8, figs. 3.)

Tarsonemus pallidus, a Pest of Geraniums. By P. Garman. (Maryland Sta. Bul. 208, pp. 327-342, figs. 13.)

Meteorological Observations at the Massachusetts Agricultural Experiment Station. By J. E. Ostrander and W. P. Saunders. (Massachusetts Sta. Met. Bul. 343, pp. 4.)

Further Studies on the Freezing Point Lowering of Soils. By G. J. Bouyoucos and M. M. McCool. (Michigan Sta. Tech. Bul. 31, pp. 51, fig. 1.)

Yellow Rocket (A Dangerous Weed). By E. A. Bessey. (Michigan Sta. Spec. Bul. 80, pp. 2.)

Results of Fertilizer Inspection--Spring Season 1917. By A. J. Patten.
(Michigan Sta. Circ. 33, pp. 3.)

Work and Progress of the Agricultural Experiment Station for the Year Ended June 30, 1916. (Missouri Col. Sta. Bul. 147, pp. 64, figs. 10.)

Protein Feeds for Laying Hens. By H. L. Kempster. (Missouri Col. Sta. Circ. 82, pp. 11, figs. 4.)

Arsenical Residues After Spraying.--I, Residues of Lead Arsenate on Fruit and Vegetables; II, Toxic Properties of Lead Arsenate, and Solubility in Human Gastric Juice; III, Experiments with Calves, Sheep, and Poultry. By W. C. O'Kane, C. H. Hadley, Jr., and W. A. Osgood. (New Hampshire Sta. Bul. 183, pp. 62, figs. 14.)

The Blueberry in New Hampshire. By J. H. Gourley. (New Hampshire Sta. Circ. 18, pp. 3-12, figs. 4.)

Finishing Market Poultry. By W. C. Thompson. (New Jersey Stas. Hints to Poultrymen, 5 (1917), No. 11, pp. 4.)

European Grapes Succeed in New York. By F. H. Hall. (New York State Sta. Bul. 432, popular ed., pp. 3-7.)

Why and When Winter Kills Grapes. By F. H. Hall. (New York State Sta. Bul. 433, popular ed., pp. 8, figs. 3.)

Inspection of Feeding Stuffs. (New York State Sta. Bul. 434, pp. 141-309.)

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Culture of the Globe Artichoke. By J. W. Wellington, under direction of U. P. Hedrick. (New York State Sta. Bul. 435, pp. 309-319, pls. 2, figs. 3.)

Special Bulletin Food Department. (North Dakota Sta. Spec. Food Bul., 4 (1917), No. 14, pp. 363-378.)

Monthly Bulletins of the Ohio Agricultural Experiment Station. (Ohio Sta. Mo. Buls., 2 (1917), Nos. 7, pp. 209-247, figs. 21; 8, pp. 247-279, figs. 14.)

Analyses of Feeding Stuffs. By P. H. Wessels, et al. (Rhode Island Sta. Insp. Bul., 1917, May, pp. 3-16.)

Poultry Houses and Poultry Equipment for Texas. By R. N. Harvey, J. C. Olsen, F. W. Kazmeier, and T. J. Conway. (Texas Sta. Bul. 207, pp. 23, figs. 17.)

The Fig in Texas. By A. T. Potts. (Texas Sta. Bul. 208, pp. 41, figs. 13.)

Progress Report, Substation No. 2, Troup, Texas, 1901-1914. By W. S. Hotchkiss. (Texas Sta. Bul. 209, pp. 3-33, figs. 4.)

Barns for Work Animals. By B. Youngblood. (Texas Sta. Bul. 210, pp. 5-28, figs. 18.)

Progress Report, Substation No. 1, Beeville, Texas, 1910-1914. By E. E. Binford. (Texas Sta. Bul. 214, pp. 3-27, figs. 4.)

The Irrigation of Sugar Beets. By F. S. Harris. (Utah Sta. Bul. 156, pp. 5-24, figs. 14.)

The Irrigation of Potatoes. By F. S. Harris. (Utah Sta. Bul. 157, pp. 3-20, figs. 9.)

The Evaporation of Fruits and Vegetables. By J. S. Caldwell. (Washington Sta. Bul. 148, pp. 4-111, figs. 26.)

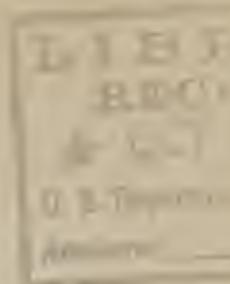
Monthly Bulletin of the Western Washington Experiment Station, Puyallup, Wash. (Western Washington Sta. Mo. Bul., 5 (1917), No. 5, pp. 61-76, figs. 4.)

How Feed Inspection Helps the Farmer. By W. H. Strowd. (Wisconsin Sta. Bul. 281, pp. 56, fig. 1.)

The Poisonous Properties of the Two-grooved Milk Vetch (Astragalus bisulcatus). By O. A. Beath and E. H. Lehnert. (Wyoming Sta. Bul. 112, pp. 57-67, fig. 1.)

The Effect of Alkali upon Portland Cement. By K. Steik. (Wyoming Sta. Bul. 113, pp. 71-122, figs. 19.)

UNITED STATES DEPARTMENT OF AGRICULTURE,
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LIST OF STATION PUBLICATIONS RECEIVED BY THE OFFICE OF
EXPERIMENT STATIONS DURING SEPTEMBER, 1917.

NOTE.--The station publications noted in this list are not distributed by the Department of Agriculture, but can usually be obtained, as far as the supply will permit, by applying to the stations issuing them. An address list of the stations will be furnished upon request.

Cold Resistance in Spineless Cacti. By J. C. T. Uphof and J. J. Thornber.
(Arizona Sta. Bul. 79, pp. 115-144, pls. 2, figs. 11.)

Certain Effects Under Irrigation of Copper Compounds Upon Crops. By R. H. Forbes.
(Arizona Sta. Bul. 80, pp. 141-238, pls. 4, figs. 16.)

Tick Eradication Laws and Regulations of the State of Arkansas. By R. M. Gow.
(Arkansas Sta. Bul. 132, pp. 8.)

Tuberculosis in Farm Animals. By C. L. McArthur. (Arkansas Sta. Bul. 136,
pp. 3-15, figs. 5.)

The County Farm Bureau. By B. H. Crocheron. (California Sta. Circ. 166, pp. 16,
figs. 12.)

The Farm Labor Situation in California. By R. L. Adams. (California Sta. [Pub.],
pp. 14, figs. 2.)

Some Important Diseases of Truck Crops in Florida. By C. D. Sherbakoff. (Florida
Sta. Bul. 139, pp. 191-277, figs. 38.)

The Litchi in Hawaii. By J. E. Higgins. (Hawaii Fed. Sta. Bul. 44, pp. 21, pls. 5.)
A limited number of copies of this publication is available for free distribution
by the Department of Agriculture.

Hog Cholera Control. By R. A. Craig and L. C. Kigin. (Indiana Sta. Circ. 62,
pp. 8, figs. 9.)

Some Common Garden Insects. By J. Troop and P. W. Mason. (Indiana Sta. Circ. 64,
pp. 15, figs. 9.)

The Weather and Honey Production. By L. A. Kenoyer. (Iowa Sta. Bul. 169, pp.
15-26, fig. 1.)

Managing a Tuberculosis Herd. By W. H. Pew. (Iowa Sta. Bul. 172, pp. 77-90,
figs. 6.)

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Soft Cheese Making. By R. W. Brown and M. Mortensen. (Iowa Sta. Circ. 38, pp. 4.)

Hay and Pasture Seedings. By W. R. Hechler. (Iowa Sta. Circ. 39, pp. 12, figs. 3.)

The Soil Survey of Iowa. By W. H. Stevenson, P. E. Brown, and F. B. Howe. (Iowa Sta. Soil Rpt. 1, abs., pp. 3-16, fig. 1.)

Some Important Essentials in Profitable Horse Production. By C. W. McCampbell. (Kansas Sta. Insp. Circ. 2, pp. 4.)

Report of Progress on Animal Husbandry Investigations in 1916. By R. Pearl. (Maine Sta. Bul. 261, pp. 119-144.)

The Change of Milk Flow with Age as Determined from the Seven-day Records of Jersey Cows. By R. Pearl and S. W. Patterson. (Maine Sta. Bul. 262, pp. 145-152, fig. 1.)

Meteorological Observations at the Massachusetts Agricultural Experiment Station. By J. E. Ostrander and H. B. Millard. (Massachusetts Sta. Met. Bul. 344, pp. 4.)

More Wheat for Michigan. By J. F. Cox. (Michigan Sta. Circ. 34, pp. 3-10, figs. 4.)

Measuring Silage and Capacity for Silos. By L. W. Chase. (Nebraska Sta. Circ. 1, pp. 14, figs. 5.)

Regulations and Instructions Relating to the Labelling, Inspection, and Analysis of Seeds in New Jersey. By J. P. Helyar. (New Jersey Stas. Circ. 66, pp. 3-10.)

Digest and Copy of Revised Feeding-Stuffs Law. (New Jersey Stas. Circ. 74, pp. 8.)

Common Diseases of Apples, Pears, and Quinces. By M. T. Cook. (New Jersey Stas. Circ. 80, pp. 27, figs. 23.)

Common Diseases of the Peach, Plum, and Cherry. By M. T. Cook. (New Jersey Stas. Circ. 81, pp. 3-19, figs. 11.)

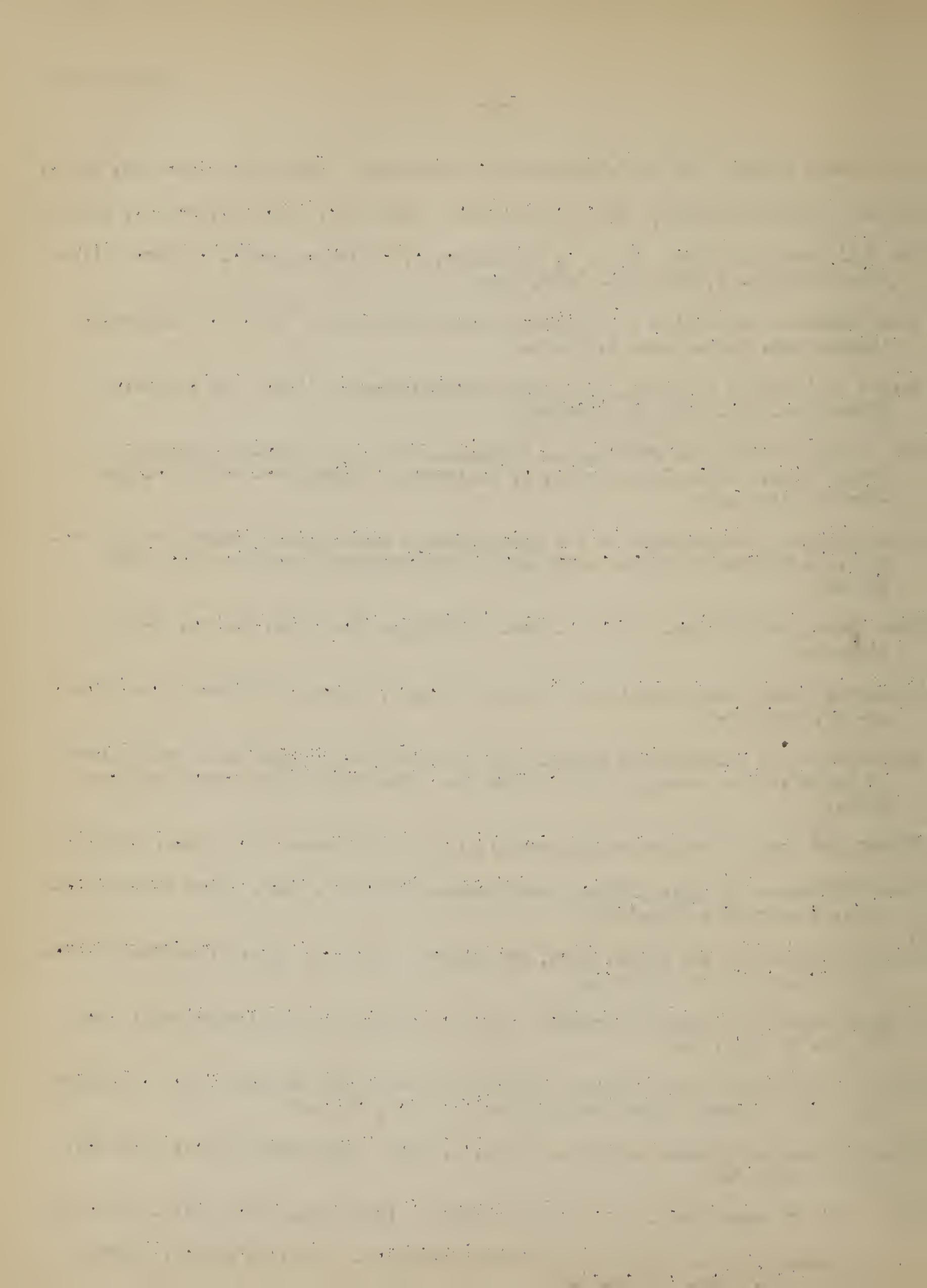
Packing Peaches in Georgia Carriers. By L. G. Gillam. (New Jersey Stas. Circ. 82, pp. 8, figs. 4.)

Pruning Experiments with Peaches: Results of First Two Seasons. By M. A. Blake and C. H. Connors. (New Jersey Stas. Circ. 83, pp. 8.)

Common Diseases of Beans and Peas. By M. T. Cook. (New Jersey Stas. Circ. 84, pp. 8, figs. 4.)

The Value of Cover Crops. By J. B. R. Dickey. (New Jersey Stas. Circ. 85, pp. 4.)

Saving Beans and Peas for Food and Seeding Purposes. By J. P. Helyar. (New Jersey Stas. Circ. 86, pp. 4.)



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Wheat and Rye. By F. App. (New Jersey Sta. Circ. 87, pp. 4.)

Selection: The Basis of Improving the Poultry Flock. By H. R. Lewis. (New Jersey Sta. Hints to Poultrymen, 5 (1917), No. 12, pp. 4.)

Three Cedar Rust Fungi--Their Life Histories and the Diseases They Produce. By J. L. Weimer. (New York Cornell Sta. Bul. 390, pp. 507-549, figs. 22.)

Thirty-fourth Annual Report, 1915. (New York State Sta. Ann. Rpt., 1915, pp. VIII + 1012, maps 3, pls. 58, figs. 47.)

The Peaches of New York. By U. P. Hedrick et al. (New York State Sta. Ann. Rpt., 1916, pt. II, pp. XIV + 541, pls. 95.)

Harvesting Tobacco by Priming or Picking the Leaves as Compared with Cutting the Stalks. By E. G. Moss. (North Carolina Sta. Bul. 238, pp. 5-11, figs. 2.)

Soil Survey of Dickey County, North Dakota. By T. M. Bushnell et al. (North Dakota Sta. Bul. 121, pp. 3-56, pls. 3, fig. 1.)

Wheat. By C. F. Noll. (Pennsylvania Sta. Bul. 148, pp. 3-15, fig. 1.)

Annual Report, 1915. (Pennsylvania Sta. Ann. Rpt., 1915, pp. 528, pls. 100.)

The Value of Thomas Slag Phosphate for Neutralizing Soil as Well as for Supplying Phosphorus. By B. L. Hartwell, F. R. Pember, and S. C. Damon. (Rhode Island Sta. Bul. 171, pp. 34, pl. 1.)

The Productive Values of Some Texas Feeding Stuffs. By G. S. Fraps. (Texas Sta. Bul. 203, pp. 3-42.)

Sheep Breeding and Feeding. By J. M. Jones. (Texas Sta. Bul. 205, pp. 3-24, figs. 5.)

Breeding for Egg Production.--II, Seasonal Distribution of Egg Production with Especial Reference to "Winter" Egg Production. By E. D. Ball and B. Alder. (Utah Sta. Bul. 149, pp. 71, figs. 29.)

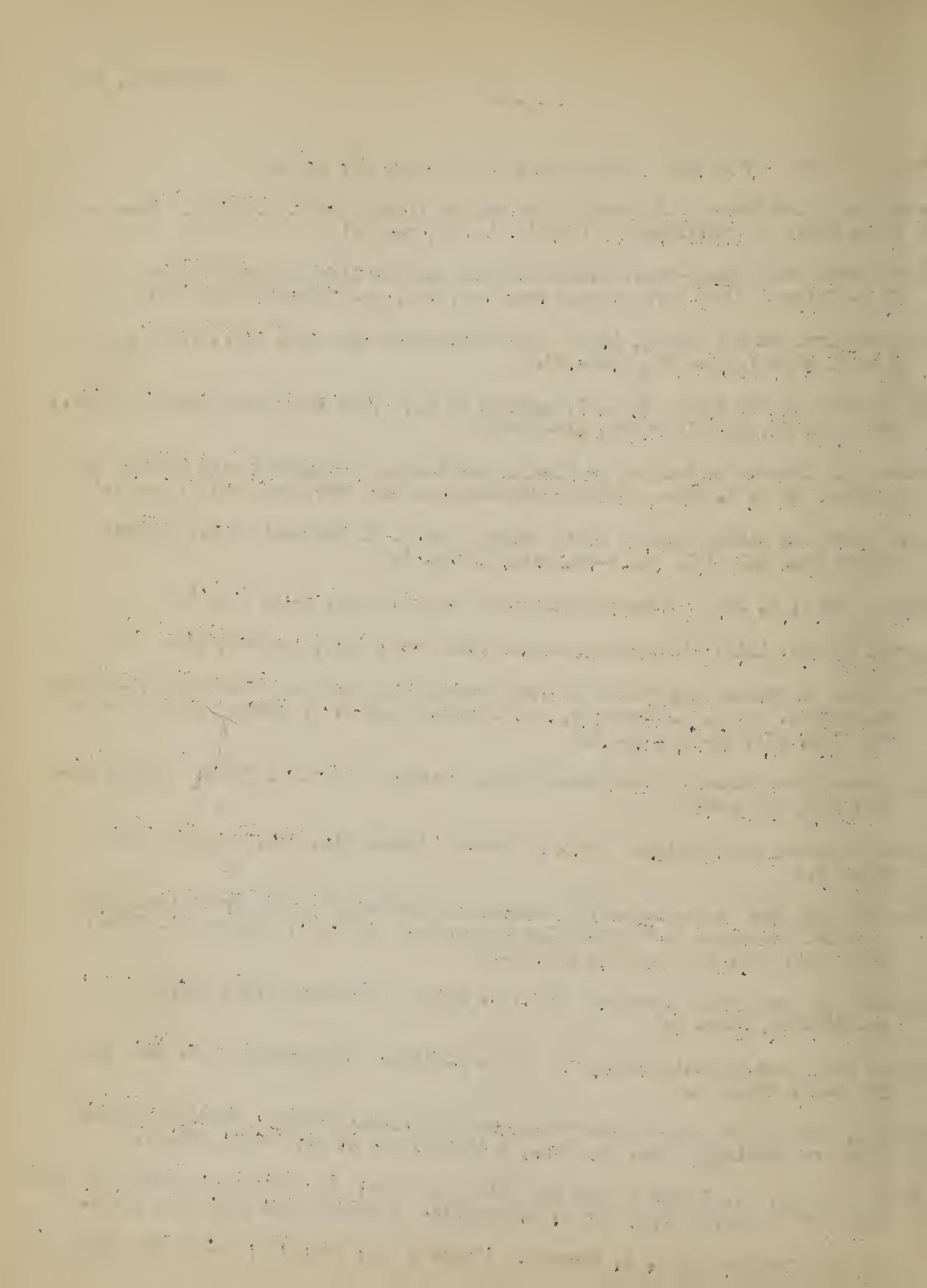
Control of Some Garden Insects. By L. B. Smith. (Virginia Truck Sta. Bul. 23, pp. 489-506, figs. 9.)

Wheat and Flour Investigations, V. By G. A. Olson. (Washington Sta. Bul. 144, pp. 3-86, figs. 15.)

Monthly Bulletin of the Western Washington Experiment Station, Puyallup, Wash. (Western Washington Sta. Mo. Bul., 5 (1917), No. 6, pp. 77-92, fig. 1.)

Swine Feeding: I, Barley v. Rye for Fattening Pigs; II, Barley v. Barley and Meat Meal for Fattening Pigs. By A. D. Faville. (Wyoming Sta. Bul. 114, pp. 8.)

Barley in Wyoming. By T. S. Parsons. (Wyoming Sta. Bul. 115, pp. 11-35, figs. 2.)



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LIST OF STATION PUBLICATIONS RECEIVED BY THE OFFICE OF
EXPERIMENT STATIONS DURING OCTOBER, 1917.

NOTE.--The station publications noted in this list are not distributed by the Department of Agriculture, but can usually be obtained, as far as the supply will permit, by applying to the stations issuing them. An address list of the stations will be furnished upon request.

The Cause of the Disappearance of Cumarin, Vanillin, Pyridin, and Quinolin in the Soil. By W. J. Robbins. (Alabama Col. Sta. Bul. 195 (Tech. Bul. 2), pp. 49-64, pls. 2.)

The Nitrification of Pyridin, Quinolin, Guaridin Carbonate, etc., in Soils. By M. J. Funchess. (Alabama Col. Sta. Bul. 196 (Tech. Bul. 3), pp. 65-82.)

Harvesting and Storing Sweet Potatoes. By J. C. C. Price. (Alabama Col. Sta. Bul. 197, pp. 87-103, pls. 4, figs. 4.)

Harvesting and Storing Sweet Potatoes. By J. C. C. Price. (Alabama Col. Sta. Bul. 197, Pop. Ed., pp. 87-100, pls. 4, figs. 2.)

Trials with California Silage Crops for Dairy Cows. By F. W. Woll and E. C. Voorhies. (California Sta. Bul. 282, pp. 19-40.)

The Olive Insects of California. By E. O. Essig. (California Sta. Bul. 283, pp. 43-64, figs. 21.)

The Milch Goat in California. By E. C. Voorhies. (California Sta. Bul. 285, pp. 85-114, figs. 13.)

Spraying for the Control of Wild Morning Glory within the Fog Belt. By G. P. Gray. (California Sta. Circ. 168, pp. 7.)

The 1918 Grain Crop. By T. F. Hunt. (California Sta. Circ. 169, pp. 8.)

Fertilizing California Soils for the 1918 Crop. By C. B. Lipman. (California Sta. Circ. 170, pp. 8.)

The Fertilization of Citrus. By W. P. Kelley. (California Sta. Circ. 171, pp. 4.)

Wheat Culture. By J. W. Gilmore. (California Sta. Circ. 172, pp. 8.)

The Construction of the Wood-hoop Silo. By J. B. Davidson and J. E. Stiles. (California Sta. Circ. 173, pp. 15, figs. 12.)

The Packing of Apples in California. By W. P. Tufts. (California Sta. Circ. 173, pp. 31, figs. 21.)

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Annual Report, 1917. (California Sta. Ann. Rpt., 1917, pp. 95, pls. 2, fig. 1.)

Seepage and Return Waters.--I, General Discussion and Principles; II, Detailed Measurements, The Cache La Poudre; III, Detailed Measurements. By L. G. Carpenter. (Colorado Sta. Bul. 180, pts. I, pp. 70, fig. 1; II, pp. [47]; III, pp. 146.)

The Colorado Seed Act. By W. W. Robbins and G. E. Egginton. (Colorado Sta. Seed Lab. Bul., 1 (1917), No. 1, pp. 3-15, fig. 1.)

Report of the Plant Breeder, by D. F. Jones; Cooperative Potato Spraying in 1916, by G. P. Clinton; Report of Orchard Work at Mt. Carmel, 1911-1916, by E. M. Stoddard. (Connecticut State Sta. Rpt., 1916, pt. V, pp. 303-377, pls. 4.)

Ninth Report of the State Forester, 1916. (Connecticut State Sta. Rpt., 1916, pt. VI, pp. 379-450 + IXII.)

Dieback or Exanthema of Citrus Trees. By B. F. Floyd. (Florida Sta. Bul. 140, pp. 31, figs. 15.)

Comparative Value of Legumes as Green Manures. By M. O. Johnson, Alice R. Thompson, and C. A. Sahr. (Hawaii Fed. Sta. Press Bul. 52, pp. 14, figs. 6.) A limited number of copies of this publication is available for free distribution by the Department of Agriculture.

The Production of Clover Seed under Irrigation in Southern Idaho. By L. C. Aicher. (Idaho Sta. Bul. 100, pp. 19, figs. 9.)

Is Symbiosis Possible between Legume Bacteria and Nonlegume Plants? By T. J. Burrill and R. Hansen. (Illinois Sta. Bul. 202, pp. 112-181, pls. 10, figs. 9.)

Is Symbiosis Possible between Legume Bacteria and Nonlegume Plants? By T. J. Burrill and R. Hansen. (Illinois Sta. Bul. 202, Abs., pp. 4, fig. 1.)

Seed Production in Apples. By C. S. Crandall. (Illinois Sta. Bul. 203, pp. 184-213, pls. 3, figs. 8.)

Care and Management of the Dairy Herd. By R. S. Hulce and W. B. Nevens. (Illinois Sta. Circ. 204, pp. 29, figs. 13.)

Carbon Dioxide Production in Soils and Carbon and Nitrogen Changes in Soils Variously Treated. By R. S. Potter and R. S. Snyder. (Iowa Sta. Research Bul. 39, pp. 251-309, figs. 22.)

The Relative Influence of Microorganisms and Plant Enzymes on Corn Silage Fermentation. By A. R. Lamb. (Iowa Sta. Research Bul. 40, pp. 313-332, figs. 13.)

A Rapid Volumetric Method for Approximate Estimation of Chlorin in Milk. By B. W. Hamer and D. E. Bailey. (Iowa Sta. Research Bul. 41, pp. 337-348.)

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Chicken Houses. By R. M. Sherwood. (Kansas Sta. Circ. 61, pp. 15, figs. 16.)

Commercial Fertilizers. By H. E. Curtis, W. Rodes, C. S. Lee, and R. B. Taylor. (Kentucky Sta. Bul. 205, pp. 397-538.)

Maine Packed Blueberries, Corn, and Sardines. By C. D. Woods. (Maine Sta. Off. Insp. 83, pp. 37-52.)

The Cost of Distributing Milk in Six Cities and Towns in Massachusetts. By A. E. Cance and R. H. Ferguson. (Massachusetts Sta. Bul. 173, pp. 54, pls. 5, figs. 4.)

Meteorological Observations at the Massachusetts Agricultural Experiment Station. By J. E. Ostrander and H. B. Millard. (Massachusetts Sta. Met. Bul. 345, pp. 4.)

Twenty-ninth Annual Report, 1916, Parts I and II. (Massachusetts Sta. Ann. Rpt., 1916, pp. X +92a + 319, figs. 150.)

The Leaf Spot Disease of Tomato. By G. H. Coons and E. Levin. (Michigan Sta. Spec. Bul. 81, pp. 15, figs. 7.)

Cooperative Creameries and Cheese Factories in Minnesota, 1914. By E. D. Durand and F. Robotka. (Minnesota Sta. Bul. 166, pp. 3-53, figs. 7.)

Cooperative Buying by Farmers' Clubs in Minnesota. By E. D. Durand and H. B. Price. (Minnesota Sta. Bul. 167, pp. 3-44, figs. 2.)

Preliminary Study of White Spruce in Minnesota. By W. H. Kenety. (Minnesota Sta. Bul. 168, pp. 3-30, figs. 12.)

Report of Progress of Work and Guide to Experimental Plots, North Central Experiment Station, Grand Rapids. (Minnesota Sta. Rpt. North Central Experiment Station, pp. 64, figs. 30.)

Ice Houses. By H. E. Murdock. (Montana Sta. Circ. 59, pp. 8, figs. 4.)

Pumping for Irrigation. By H. E. Murdock. (Montana Sta. Circ. 60, pp. 9-37, figs. 17.)

Contagious Abortion of Cattle. By H. Welch. (Montana Sta. Circ. 61, pp. 41-48, fig. 1.)

Sweet Clover. By A. Atkinson. (Montana Sta. Circ. 62, pp. 49-55.)

Artificial Insemination. By E. H. Riley. (Montana Sta. Circ. 63, pp. 57-66, figs. 7.)

Control of Poultry Lice and Mites. By W. F. Schoppe. (Montana Sta. Circ. 64, pp. 65-71, figs. 6.)

Feeding Horses. By C. N. Arnett. (Montana Sta. Circ. 65, pp. 73-82.)

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The domestic Water Supply on the Farm. By H. E. Murdock. (Montana Sta. Circ. 66, pp. 83-103, figs. 12.)

Corn Planting and Cultivation in Montana. By A. Atkinson and M. L. Wilson. (Montana Sta. Circ. 67, pp. 107-128, figs. 29.)

Selection of Breeding Draft Horses. By C. N. Arnett. (Montana Sta. Circ. 69, pp. 17-32, figs. 15.)

Grain Smuts. By D. B. Swingle. (Montana Sta. Circ. 70, pp. 4.)

The Soy Bean in New Hampshire. By F. S. Prince. (New Hampshire Sta. Bul. 181, pp. 20, figs. 7.)

The Chemical Composition of the Soils of the Freehold Area in New Jersey. By A. W. Blair and H. C. McLean. (New Jersey Stas. Bul. 309, pp. 3-37.)

New Jersey Poultry Survey. By A. G. Waller. (New Jersey Stas. Hints to Poultrymen, 6 (1917), No. 1, pp. 4.)

Ohio Weather for 1916. By W. H. Alexander and C. A. Patton. (Ohio Sta. Bul. 314, pp. 615-697, figs. 63.)

Thirty-sixth Annual Report, 1917. (Ohio Sta. Bul. 315, pp. XXXV - 5, fig. 1.)

Monthly Bulletins of the Ohio Agricultural Experiment Station. (Ohio Sta. Mo. Buls., 2 (1917), Nos. 9, pp. 281-315, figs. 14; 10, pp. 315-349, figs. 11.)

Miscellaneous Experiments. (Pennsylvania Sta. Bul. 147, pp. 42, figs. 20.)

Tomato Diseases. By H. W. Barre and J. L. Seal. (South Carolina Sta. Circ. 29, pp. 2.)

Wintering Two-year-old Steers Preparatory to Finishing on Grass the Following Summer. By R. E. Hunt. (Virginia Sta. Bul. 215, pp. 15, figs. 5.)

Wheat Culture. By T. B. Hutcheson and T. K. Wolfe. (Virginia Sta. Bul. 216, pp. 15, figs. 5.)

Monthly Bulletin of the Western Washington Experiment Station, Puyallup, Wash. (Western Washington Sta. Mo. Bul., 5(1917), No. 7, pp. 93-108, figs. 2.)

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UNITED STATES DEPARTMENT OF AGRICULTURE,
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LIST OF STATION PUBLICATIONS RECEIVED BY THE OFFICE OF
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NOTE.--The station publications noted in this list are not distributed by the Department of Agriculture, but can usually be obtained, as far as the supply will permit, by applying to the stations issuing them. An address list of the stations will be furnished upon request.

The Determination of Phytin Phosphorus in Plant Products. By J. B. Rather.
(Arkansas Sta. Bul. 135, pp. 3-15.)

Irrigation of Alfalfa in Imperial Valley. By W. E. Packard. (California Sta. Bul. 284, pp. 67-84, figs. 8.)

Vinegar from Waste Fruits. By W. V. Cruess. (California Sta. Bul. 287, pp. 169-184, figs. 11.)

Feeding Stuffs of Minor Importance. By F. W. Woll. (California Sta. Circ. 167, pp. 7.)

Farm Drainage Methods. By W. W. Weir. (California Sta. Circ. 174, pp. 31, figs. 21.)

Progress Report on the Production and Distribution of Milk. By E. Mead.
(California Sta. Circ. 175, pp. 16.)

Hog Cholera Prevention and the Serum Treatment. By P. T. Petersen. (California Sta. Circ. 176, pp. 15, figs. 5.)

Grain Sorghum Seed. By E. B. Babcock. (California Sta. Circ. 177, pp. 8, figs. 6.)

Selecting Corn Seed. By E. B. Babcock. (California Sta. Circ. 180, pp. 7, figs. 3.)

Control of the California Ground Squirrel. By J. Dixon. (California Sta. Circ. 181, pp. 14, figs. 3.)

The Waters of the Rio Grande.--A Contribution to the Hydrology of the San Luis Valley, Colorado. By W. P. Headden. (Colorado Sta. Bul. 230, pp. 62.)

"Black Alkali" in the San Luis Valley. By W. P. Headden. (Colorado Sta. Bul. 231, pp. 3-15.)

Reclaiming Nitre Soil in the Grand Valley. By E. P. Sandsten. (Colorado Sta. Bul. 235, pp. 8, figs. 4.)

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Experiments in the Irrigation of Apple Orchards. By E. P. Taylor and G. J. Downing. (Idaho Sta. Bul. 99, pp. 48, figs. 24.)

Strawberry Varieties and Cultural Hints. By J. Oskamp. (Indiana Sta. Bul. 200, pp. 3-16, figs. 14.)

Varieties of Blackberries and Raspberries with Notes on Their Care. By J. Oskamp. (Indiana Sta. Bul. 201, pp. 3-12, figs. 6.)

Sheep Feeding.--VII, Fattening Western Lambs, 1916-17. By J. H. Skinner and F. G. King. (Indiana Sta. Bul. 202, popular ed., pp. 7.)

Test of Three Protein Concentrates and Two Leguminous Roughages in Milk Production. By O. F. Hunziker and R. E. Caldwell. (Indiana Sta. Bul. 203, pp. 3-20, figs. 8.)

Soil Management Investigations in a Young Apple Orchard. By C. G. Woodbury, H. A. Noyes, and J. Oskamp. (Indiana Sta. Bul. 205, pp. 3-52, pls. 2, figs. 10.)

Gooseberries and Currants. By J. Oskamp. (Indiana Sta. Bul. 207, pp. 3-11, figs. 10.)

Third Annual Report of the Creamery License Division for the Year Ending March 31, 1917. By R. E. Caldwell, T. H. Broughton, and S. L. Anderson. (Indiana Sta. Circ. 63, pp. 3-44, figs. 4.)

Mint Growing in Northern Indiana. By C. B. Sayre. (Indiana Sta. Circ. 65, pp. 14, figs. 8.)

[The Lime and Fertilizer Needs of Indiana Soils]. By S. D. Conner. (Indiana Sta. Circ. 66, pp. 19, figs. 8.)

The Planting and Care of the Young Apple Orchard. By H. J. Reed. (Indiana Sta. Circ. 67, pp. 20, figs. 14.)

Melon Growing in Indiana. By H. J. Reed. (Indiana Sta. Circ. 68, pp. 16, figs. 14.)

Peach Growing in Indiana. By J. Oskamp. (Indiana Sta. Circ. 69, pp. 24, figs. 15.)

Apple Diseases in Indiana with Spray Schedule. By H. S. Jackson. (Indiana Sta. Circ. 70, pp. 23, figs. 14.)

Potato Diseases in Indiana. By H. S. Jackson and G. A. Osmer. (Indiana Sta. Circ. 71, pp. 16, figs. 5.)

Studies in Forage Poisoning.--V, A Preliminary Report on An Anaerobic Bacillus of Etiologic Significance. By R. Graham, A. L. Brueckner, and R. L. Pontius. (Kentucky Sta. Bul. 207, pp. 47-113, figs. 36.)

Studies in Forage Poisning.--VI, An Anaerobic Organism Isolated from Ensilage of Etiologic Significance. By R. Graham, A. L. Brueckner, and R. L. Pontius. (Kentucky Sta. Bul. 208, pp. 117-133, figs. 7.)

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Household Pests and Their Treatment. By H. Garman. (Kentucky Sta. Circ. 15, pp. 63-90, figs. 14.)

A Bean Disease Introduced in Diseased Seeds. By H. Garman. (Kentucky Sta. Circ. 16, pp. 91-95, fig. 1.)

Foul-brood of Bees; Its Recognition and Treatment. By H. Garman, (Kentucky Sta. Circ. 17, pp. 97-106, figs. 3.)

Kentucky's Opportunities as a Sheep State. By L. B. Mann. (Kentucky Sta. Circ. 18, pp. 107-116, fig. 1.)

Killing Frost and Length of the Growing Season in Various Sections of Kentucky. By F. J. Walz. (Kentucky Sta. Circ. 19, pp. 119-132, figs. 4.)

Syrphidae of Maine--Second Report: Life History Studies. By C. L. Metcalf. (Maine Sta. Bul. 263, pp. 151-176, pls. 5.)

Meteorological Observations at the Massachusetts Agricultural Experiment Station. By J. E. Ostrander and H. B. Millard. (Massachusetts Sta. Met. Bul. 346, pp. 4.)

Commercial Feeding Stuffs. By A. J. Patten, E. F. Berger, E. A. DeWindt, and A. E. Smoll. (Michigan Sta. Bul. 279, pp. 3-66, figs. 8.)

Velvet Beans in Mississippi. By E. B. Ferris. (Mississippi Sta. Bul. 179, pp. 19, figs. 4.)

Emergency Cow Feeds. By H. K. Gayle. (Mississippi Sta. Bul. 181, pp. 3-8.)

Wheat Production in the Delta. By G. B. Walker. (Mississippi Sta. Circ., pp. 4.)

Soil Experiments on the Ozark Upland. By M. F. Miller and F. L. Duley. (Missouri Col. Sta. Bul. 148, pp. 28, figs. 10.)

Preparation of Corn for Fattening Steers. By H. O. Allison. (Missouri Col. Sta. Bul. 149, pp. 35, figs. 11.)

Corn Silage in Rations for Fattening Steers. By H. O. Allison. (Missouri Col. Sta. Bul. 150, pp. 24, figs. 7.)

Twenty-third Annual Report, 1916. (Montana Sta. Ann. Rpt., 1916, pp. 149-193.)

Thirtieth Annual Report, 1916. (Nebraska Sta. Ann. Rpt., 1916, pp. LIII.)

Analysis of Feeding Stuffs. By B. E. Curry and T. O. Smith. (New Hampshire Sta. Bul. 184, pp. 16.)

Analysis of Fertilizers for 1917. By B. E. Curry and T. O. Smith. (New Hampshire Sta. Bul. 185, pp. 11.)

Some Observations on the Growth of Apple Trees. By J. H. Gourley. (New Hampshire Sta. Tech. Bul. 12, pp. 3-38, figs. 9.)

1. 1962 and 1963 (1) - continued. The following is a list of the species and their numbers:

(1) 1962, 1963, 1964

1. 1962 and 1963 (2) - continued. The following is a list of the species and their numbers:

1. 1962 and 1963 (3) - continued. The following is a list of the species and their numbers:

1. 1962 and 1963 (4) - continued. The following is a list of the species and their numbers:

1. 1962 and 1963 (5) - continued. The following is a list of the species and their numbers:

1. 1962 and 1963 (6) - continued. The following is a list of the species and their numbers:

1. 1962 and 1963 (7) - continued. The following is a list of the species and their numbers:

1. 1962 and 1963 (8) - continued. The following is a list of the species and their numbers:

1. 1962 and 1963 (9) - continued. The following is a list of the species and their numbers:

1. 1962 and 1963 (10) - continued. The following is a list of the species and their numbers:

1. 1962 and 1963 (11) - continued. The following is a list of the species and their numbers:

1. 1962 and 1963 (12) - continued. The following is a list of the species and their numbers:

1. 1962 and 1963 (13) - continued. The following is a list of the species and their numbers:

1. 1962 and 1963 (14) - continued. The following is a list of the species and their numbers:

1. 1962 and 1963 (15) - continued. The following is a list of the species and their numbers:

1. 1962 and 1963 (16) - continued. The following is a list of the species and their numbers:

(1) 1962, 1963, 1964

1. 1962 and 1963 (17) - continued. The following is a list of the species and their numbers:

(1) 1962, 1963, 1964

November, 1917.

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The Present Cost of Egg Production. By H. R. Lewis. (New Jersey Sta. Hints to Poultrymen, 6 (1917), No. 2, pp. 4 + 1.)

Repair of Bone in Domestic Fowl. By B. F. Kaupp. (North Carolina Sta. Tech. Bul. 14, pp. 3-17, pls. 11.)

Special Bulletins Food Department. (North Dakota Sta. Spec. Food Buls., 4 (1917), Nos. 15, pp. 379-394; 16, pp. 395-410.)

Monthly Bulletin of the Ohio Agricultural Experiment Station. (Ohio Sta. Mo. Bul., 2 (1917), No. 11, pp. 349-383, figs. 15.)

The Sycamore Lace-bug (Corythucha ciliata). By O. Wade. (Oklahoma Sta. Bul. 116, pp. 16, figs. 7.)

Twenty-ninth Annual Report, 1916. By B. L. Hartwell. (Bulletin of Rhode Island State College, 12 (1917), No. 4, pp. 17-24.)

Analyses of Commercial Fertilizers. By R. N. Brackett et al. (South Carolina Sta. Bul. 194, pp. 66.)

Sugar Beets in South Dakota. By J. H. Shepard and R. C. Sherwood. (South Dakota Sta. Bul. 173, pp. 592-620, figs. 12.)

Sorghums for Forage in South Dakota. By A. N. Hume. (South Dakota Sta. Bul. 174, pp. 622-645, figs. 15.)

The Role of Water in a Dairy Cow's Ration. By C. Larsen, E. H. Hungerford, and D. E. Bailey. (South Dakota Sta. Bul. 175, pp. 648-692.)

A Comparative Study of the Nitrogen Economy of Certain Tennessee Soils. By C. A. Mooers. (Tennessee Sta. Bul. 118, pp. 125-187, figs. 7.)

Twenty-sixth Annual Report, 1913. (Tennessee Sta. Ann. Rpt., 1913, pp. 139-164, figs. 9.)

Twenty-seventh Annual Report, 1914. (Tennessee Sta. Ann. Rpt., 1914, pp. 265-287, figs. 6.)

Twenty-eighth Annual Report, 1915. (Tennessee Sta. Ann. Rpt., 1915, pp. 111-133, figs. 9.)

The Availability of Phosphoric Acid in Rock Phosphate. By G. S. Fraps. (Texas Sta. Bul. 212, pp. 3-10.)

The Composition of the Soils of South Central Texas. By G. S. Fraps. (Texas Sta. Bul. 213, pp. 3-48.)

Commercial Feeding Stuffs, 1916-17--Texas Feed Law. By B. Youngblood. (Texas Sta. Bul. 216, pp. 3-385.)

Commercial Fertilizers in 1916-17. By G. S. Fraps. (Texas Sta. Bul. 217, pp. 3-26.)

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the first time in the history of the world that the people of the United States have been compelled to go to war with their own government.

The first step in the direction of the rebellion was taken by the Southern states in 1860, when they seceded from the Union. This was followed by the formation of the Confederate States of America, which was recognized by England and France. The Civil War began in April, 1861, and lasted until April, 1865. The Confederates were defeated, and the Union was restored.

The causes of the Civil War were many and complex. The most important cause was the desire of the Southern states to maintain their right to slavery. This was opposed by the Northern states, who believed that slavery was wrong and unconstitutional. Other causes included economic differences between the North and South, and political differences over issues such as states' rights and federal power.

The Civil War had a profound impact on the United States. It resulted in the deaths of nearly 700,000 soldiers, and caused significant damage to the economy and infrastructure. It also led to the abolition of slavery, and to the creation of the Thirteenth Amendment to the Constitution.

The Civil War is remembered as one of the most tragic and divisive periods in American history. It continues to be studied and debated, and its lessons are still relevant today.

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The Beet Leafhopper and the Curly-leaf Disease that It Transmits. By E. D. Ball.
(Utah Sta. Bul. 155, pp. 3-56, figs. 33.)

Soil Moisture Studies Under Irrigation. By F. S. Harris and A. F. Bracken.
(Utah Sta. Bul. 159, pp. 3-26, figs. 18.)

Important Factors in the Operation of Irrigated Utah Farms. By E. B. Brossard.
(Utah Sta. Bul. 160, pp. 48, figs. 16.)

Storing Vegetables for Winter. By M. C. Merrill. (Utah Sta. Circ. 26, pp. 8.)

Factors Influencing the Water Requirements of Plants. By C. C. Thom and
H. F. Holtz. (Washington Sta. Bul. 146, pp. 3-64, figs. 18.)

Home Preparation of Breakfast Foods and Flour from Whole Grain. By G. A. Olson.
(Washington Sta. Pop. Bul. 112, pp. 15, figs. 8.)

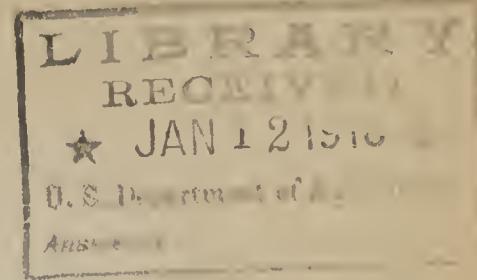
Monthly Bulletin of the Western Washington Experiment Station, Puyallup, Wash.
(Western Washington Sta. Mo. Bul., 5 (1917), No. 8, pp. 109-124, figs. 7.)

Cooperation in Wisconsin. By B. H. Hibbard and A. Hobson. (Wisconsin Sta. Bul.
282, pp. 44, figs. 13.)

Distribution of Public Service Stallions in Wisconsin. By A. S. Alexander.
(Wisconsin Sta. Bul. 285, pp. 64, fig. 1.)

and the first time I have seen it. It is a very pale yellowish green color and has a very faint smell of citrus fruit. It is about 10 cm long and 5 cm wide. The leaves are very thin and delicate. The flowers are small and white. The plant is growing in a pot on my windowsill. I have never seen anything like it before.

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UNITED STATES DEPARTMENT OF AGRICULTURE,
STATES RELATIONS SERVICE,
A. C. TRUE, Director.



LIST OF STATION PUBLICATIONS RECEIVED BY THE OFFICE OF
EXPERIMENT STATIONS DURING DECEMBER, 1917.

NOTE.--The station publications noted in this list are not distributed by the Department of Agriculture, but can usually be obtained, as far as the supply will permit, by applying to the stations issuing them. An address list of the stations will be furnished upon request.

How to Grow the Cowpea and 40 Ways of Preparing it as a Table Delicacy. By G. W. Carver. (Alabama Tuskegee Sta. Bul. 35, pp. 24, figs. 5.)

The Fall Crop of Irish Potatoes. By W. H. Wicks. (Arkansas Sta. Circ. 30, pp. 4.)

More Wheat. (Arkansas Sta. Circ. 31, 2. ed., pp. 4.)

Potash from Tule and the Fertilizer Value of Certain Marsh Plants. By P. L. Hibbard. (California Sta. Bul. 288, pp. 187-192.)

Extending the Area of Irrigated Wheat in California for 1918. By F. Adams. (California Sta. Circ. 182, pp. 4.)

Infectious Abortion in Cows. By F. M. Hayes. (California Sta. Circ. 183, pp. 4.)

Poultry on the Farm. By J. E. Dougherty. (California Sta. Circ. 186, pp. 4.)

Biennial Reports, 1913-14 and 1914-15. (Connecticut Storrs Sta. Bienn. Rpts., 1913-14, 1914-15, pp. IX + 274, figs. 116.)

Pork Production in Florida. By J. M. Scott. (Florida Sta. Bul. 141, pp. 33-56, fig. 1.)

What is Meant by "Quality" in Milk. By H. A. Harding, R. S. Breed, W. A. Stocking, Jr., and E. G. Hastings. (Illinois Sta. Circ. 205, pp. 16.)

The Currant Fruit Fly. By H. H. P. Severin. (Maine Sta. Bul. 264, pp. 175-247, pls. 4, fig. 1.)

Meteorological Observations at the Massachusetts Agricultural Experiment Station. By J. E. Ostrander and T. H. Reunan. (Massachusetts Sta. Met. Bul. 347, pp. 4.)

A Study of the Factors Which Govern Mating in the Honey Bee. By G. D. Shafer. (Michigan Sta. Tech. Bul. 34, pp. 3-19, pls. 3, figs. 2.)

December, 1917.

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How the Station Works. By F. B. Mumford. (Missouri Col. Sta. Bul. 151, pp. 68, figs. 12.)

Standardized War Rations for Poultry. By H. R. Lewis. (New Jersey Stas. Hints to Poultrymen, 6 (1917), No. 3, pp. 4.)

A Revision of the Genus *Lygus* as it Occurs in America North of Mexico, with Biological Data on the Species from New York. By H. H. Knight. (New York Cornell Sta. Bul. 391, pp. 555-645, figs. 52.)

Biology of the Membracidae of the Cayuga Lake Basin. By W. D. Funkhouser. (New York Cornell Sta. Mem. 11, pp. 177-445, figs. 38.)

Neck-rot Disease of Onions. By M. T. Munn. (New York State Sta. Bul. 437, pp. 363-455, pls. 11, fig. 1.)

An Opportunity for Merchants. (North Carolina Sta. Farmers' Market Bul., 4 (1917), No. 17, pp. 8.)

Buy from North Carolina Producers. (North Carolina Sta. Farmers' Market Bul., 4 (1917), No. 18, pp. 8.)

Buy at Home and Help Win the War. (North Carolina Sta. Farmers' Market Bul., 4 (1917), No. 19, pp. 8.)

Soil Survey of Bottineau County. By R. C. Doneghue. (North Dakota Sta. Bul. 124, pp. 113-148, pl. 1.)

Proportions of Supplements to Corn for Fattening Swine. By W. L. Robison. (Ohio Sta. Bul. 316, pp. 57, figs. 23.)

The Pink and Green Aphid of Potato. By J. S. Houser, T. L. Guyton, and P. R. Lowry. (Ohio Sta. Bul. 317, pp. 59-88, figs. 22.)

Relation of Phosphorus and Nitrogen in Soil to the Composition of Wheat. By J. W. Ames and G. E. Boltz. (Ohio Sta. Bul. 318, pp. 89-118, figs. 5.)

The Fats and Fatty Acids of the Grain Sorghums. By C. K. Francis and W. G. Friedemann. (Oklahoma Sta. Bul. 117, pp. 14, fig. 1.)

Progress Report, Substation No. 5, Temple, Texas, 1910-1914. By D. T. Killough. (Texas Sta. Bul. 215, pp. 3-28, figs. 8.)

Soil Moisture Studies Under Dry-farming. By F. S. Harris and J. W. Jones. (Utah Sta. Bul. 158, pp. 3-51, figs. 33.)

December, 1917.

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"Mony Meikles Mak a Muckle."--II, The Relation of the Milk-vein System to Production, by A. W. Aldrich and J. W. Dana; The Cost of Production of Milk and Butterfat in 1911 and 1912, by G. M. Nelson; The Effect of the Sire on the Herd, by J. H. Wilson; Concerning the Burlington Milk Supply, by J. E. Carrigan and W. T. Abell. (Vermont Sta. Bul. 202, pp. 3-47, figs. 9.)

"Mony Meikles Mak a Muckle."--III, The Winter Storage of Roots, by P. H. Aldrich; Forcing Plants by Means of Warm Water, by W. G. Bodine; Concerning Quality in Celery, by J. B. Norton; The Gnarly Apple Disease of 1914, by W. H. Venable; The Thermal Death Point of Yeast, by E. P. Wells; Soil Sterilization, by F. O. Ockerblad, Jr.; The Cost of Producing Maple Products in 1912 and 1913, by C. J. Frink. (Vermont Sta. Bul. 203, pp. 3-24.)

Commercial Feeding Stuffs, by J. L. Hills, C. H. Jones, and G. F. Anderson; Concerning Alfalfa and Soy Beans, by J. L. Hills. (Vermont Sta. Bul. 204, pp. 3-72.)

Agricultural Seed: Concerning the Germination of Seed. By G. P. Burns, A. K. Peitersen, and L. H. Flint. (Vermont Sta. Bul. 205, pp. 3-48, pls. 4.)

Commercial Fertilizers, by J. L. Hills, C. H. Jones, and G. F. Anderson; Concerning Farm Manures, by R. T. Burdick. (Vermont Sta. Bul. 206, pp. 72.)

The Manufacture of Commercial Fertilizers. By J. L. Hills. (Vermont Sta. Bul. 207, pp. 3-48, pls. 8, fig. 1.)

Thirtieth Annual Report, 1917. (Vermont Sta. Bul. 208, pp. 16.)

The Cost of Producing Market Milk in 1916-17 on 212 Vermont Farms. By G. F. E. Story and W. J. Tubbs. (Vermont Sta. Bul. 209, pp. 3-24.)

Index to General Bulletins 1-25. By H. B. Clees. (Washington Sta. Index to Gen. Buls. 1-25, pp. 3-12.)

Monthly Bulletin of the Western Washington Experiment Station, Puyallup, Wash. (Western Washington Sta. Mo. Bul., 5 (1917), No. 9, pp. 125-140, fig. 1.)

Early Blight of Potato and Related Plants. By R. D. Rands. (Wisconsin Sta. Research Bul. 42, pp. 48, figs. 10.)

Winter Grains. By T. S. Parsons. (Wyoming Sta. Bul. 116, pp. 37-52, fig. 1.)

